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ABSTRACT

The second of a two-part national report on vocational education and manpower training during the school year 1972-73, the document provides 130 statistical tables and six matrices on which the study's conclusions were based. A narrative description of the findings is presented in part 1. The Project Baseline study, the third national report, presents the developments of Federal assistance programs in manpower training and vocational education throughout the nation and focuses on trends during the period 1970-71 through 1972-73. Section 1 contains the matrices of definitions and the tables based on data collected in 1972-73. Section 2 includes new tables not previously shown in Volumes 1 and 2 of the baseline reports and tables based on partial data not available in all States. Section 3 includes tables based on the data collected in the past three years. Comparisons are made between the years by States and by areas of concern. Included are enrollments, expenditures, completions, and placements for both vocational education and manpower training. Section 4 offers the 1972-73 results of a national experiment in collecting and analyzing nonaggregate data from State and local educational agencies. The section's data is illustrative and not intended for informational purposes. (MW)

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LEARNING A LIVING ACROSS THE NATION
VOLUME III

PROJECT BASELINE
THIRD NATIONAL REPORT
Baseline Year: 1972-73 (Fiscal Year 1973)
Part 2: Statistical Almanac

Prepared For

THE NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION

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LEARNING A LIVING ACROSS
THE NATION
Volume 3, Part 2

ERRATA

Page 101 -- Table 78: The percentage point change from Fiscal Year 1971 to Fiscal Year 1972 in the State of Missouri should be -.68 percentage points for males and a positive .68 percentage points for female instead of the + or - 24.68 shown.

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SECTION I

One-Year Tables
1972 - 1973

SECTION I

One-Year Tables
1972 - 73

Section I contains the matrices of definitions and the tables based on data collected in 1972-73.

Since no Nationally uniform definition of the term Vocational Education exists, statistical data reporting programs and students tend to vary among individual States. Matrix 1 shows the principal categories used by the States for reporting purposes, and which States use each category. Questions about unusual figures reported by individual States in the tables which follow can sometimes be explained by referring to this matrix. The meaning of any State's data can usually be understood better after noting here what the data actually represent. It is also possible to arrive at an approximate composite definition of Vocational Education for National reporting by using those categories which are now used by substantial majorities of the States.

Matrices 2-6 show similarly the individual variations in five additional categories of Vocational Education reporting: post-secondary, adult, completions, early leavers with marketable skills, and related field.

Tables 1-26 contain basic data common to all fifty States, the District of Columbia and Puerto Rico for 1972-73. Fewer one-year tables are provided here than in Volumes I and II on the recommendations of State Directors, the Office of Education and the National Advisory Council on Vocational Education. Most of the tables used are identical to the one-year tables developed in 1970-71 and 1971-72 in Volumes I and II of the Baseline Annual Reports. The exception is Table 18.

A certain amount of local school expenditures is known to be underreported. In 1972-73, Project Baseline asked each State to estimate the percent of underreporting by its local schools. The estimated percent of underreporting and the resultant adjustment to State/local expenditures are presented in Table 18.

Table 18 is included in Section I rather than in the new and partial tables of Section II for ease of comparison with, and empahsis of, the differences in Federally reported State/local expenditures and the adjusted expenditure figures.

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MATRIX I
VOCATIONAL EDUCATION DEFINITION MATRIX

Product: What Determines a Vocational Education Student or Program As Reported on the V.E.D.S. Forms

States	1. Specific Number of Contact Hours Required						2.[1] Must Provide Job Entry Level Skills						3. Must Include Cooperative Education or Work Experience						4. Must Provide Training in a Cluster of Occupations						5. Instructional Personnel must be Certificated with work experience in Field Taught.						6. Must have a Business/Industry/Labor/Community Advisory Council					
	Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult	
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
Alabama	[illegible]	[illegible]	Varies		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Alaska	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Arizona	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Arkansas	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
California	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Colorado	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Connecticut	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Delaware	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dist. of C.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Florida	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Georgia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hawaii	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Idaho	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Illinois	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Indiana	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Optional		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iowa	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kansas	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Kentucky	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Louisiana	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Maine	[illegible]	[illegible]	Flexible		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Maryland	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Massachusetts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Michigan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Minnesota[1]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mississippi	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Missouri	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Montana	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nebraska	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nevada	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New Hampshire	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New Jersey	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New Mexico	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
New York	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N. Carolina	Varies		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N. Dakota	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ohio	[illegible]	[illegible]	[illegible]	[illegible]	Flexible		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oklahoma	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oregon	[illegible]	[illegible]	[illegible]	Varies		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Pennsylvania	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rhode Island	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S. Carolina	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S. Dakota	Varies		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Tennessee	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Texas	Varies		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Utah	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Vermont	Varies		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Virginia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Washington	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
W. Virginia	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wisconsin	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wyoming	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Puerto Rico	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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[1] In Minnesota, if a program cannot place 51% of its graduates, it is curtailed.

[2] Other Specific State criteria:

Kansas: Each approved vocational program operating at the secondary school level or having students classified as being in the 12th grade level or below will be required to have a 50% or higher successful placement rate for the secondary students. For approved vocational programs with students classified as post-secondary or adults the successful placement for these students will be 75% or above. Those vocational classes designed for adults will report placement but not be held responsible for 1-year, 3-year, and 5-year followup reports.

New York: Vocational students are simply those enrolled in State approved programs - criteria determined by LEA - and must be part of a BOCES annual plan (or in New York City, a District Plan), submitted to State Department and approved on annual basis.

Utah: State approved curriculum guides must be used.

Note: A number of States claim co-op is merely a "Methodology" and should not be a criteria.

Source: Data collected from the various States.

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7. Must Include Vocational Guidance and Counseling						8. Must Include Basic Education and Job Related Skills						9. Must Include Job Placement Assistance						10. Must Be Based on Employment Demand						11. Must Be Federally Reimbursed						12. Other					
Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult	
Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y^2	N	Y^2	N
	X		X		X	NA		NA		NA			X		X		X	X		X		X			X		X		X		X		X		X
	X		X		X	NA		NA		NA			X		X		X	X		X		X			X		X		X		X		X		X
	X		X		X	NA		NA		NA		X		X		X			X		X		Y		X		X		X		X		X		X
	X		X		X		X		X		X	X		X		X			X		X		X	X		X		X			X		X		X
	X		X		X	NA		NA		NA			X		X		X	X		X		X			X		X		X		X		X		X
						NA					X	X		X		X		X		X		X			X		X		X		X		X		X
	X					X		X		X		X		X		X		X		X		X			X		X		X		X		X		X
X		X		X			X		X		X	X		X		X		X		X		X			X		X		X		X		X		X
			X		X	NA		NA		NA		X		X		X		X		X		X			X		X		X		X		X		X
	X		X		X	NA		NA		NA		X		X		X		X		X		X			X		X		X		X		X		X
						X									X		X		X		X		X	X		X		X			X		X		X
									X		X				X		X		X		X		X		X		X		X		X		X		X
	X	X			X	NA		NA		NA			X		Y		X	X		X		X			X		X		X		X		X		X
									X		X				X			X		X		X			X		X		X		X		X		X
X		X			X	X			X		X	X		X		X		X		X		X		X		X		X			X		X		X
X		X		X									X		X		X	X		X		X			X		X		X		X		X		X
							Y		Y		X	X		X		X		X		X		X			X		X		X	X^2		X		X	
	X		X		X								X		Y		X	X		X		X			X		X		X		X		X		X
X		X		X								X		X		X		X		X		X		/X		X		X			X		X		X
	X		X		X																														
	X		X		X		X		X		X		X		X		X	X		X		X			X		X		X		X		X		X
												X		X		X		X		X		X			X		X		X		X		X		X
	X		X		X								X		X		X	X		X		X		X		X		X			X		X		X
	X		X		X								X	X			X	X		X		X			X		X		X		X		X		X
	X		X		X								X		X		X	X		X		X			X		X		X		X		X		X
	X		X		X								X		X		X	X		X		X			X		X		X		X		Y		X
	X	X			X								X	X			X	X		X		X			X		X		X		X		X		X
	X		X		X								X		X		X	X		X		X		X		X		X			X		X		X
	X		X		X		X		X		X		X		X		X	X		X		X			X		X		X		X		X		X
	X		X		X								X		X		X	X		X		X		X		X		X			X		X		X
	X		X		X								X		X		X	X		X		X			X		X		X		X		X		X
X		X		X								X		X		X		X		X		X			X		X		X	X^2	X		X		X
X		X			X							X		X		X		X		X		X			X		X		X		X		X		X
X		X		X								X		X		X		X		X		X			X		X		X		X		X		X
					X								X		X		X	X		X		X			X		X		X		X		X		X
X		X			X							X		X		X		X		X		X		X		X		X			X		X		X
	X		X		X								X		X		X	X		X		X		X		X		X			X		X		X
X		X			X							X		X			X	X		X		X			X		X		X		X		X		X
X		X			X								X	X				X		X		X			X	X			X		X		X		X
X		X		X								X		X		X		X		X		X			X		X		X		X		X		X
	X		X		X								X		X		X	X		X		X			X		X		X		X		X		X
	X		X		X							X		X		X		X		X		X			X		X		X		X		X		X
	X		X		X		X		X		X		X		X		X	X		X		X			X		X		X	X^2		X		X	
X		X		X									X	X			X	X		X		X			X		X		X		X		X		X
	X		X		X								X		X		X	X		X		X		X		X		X			X		X		X
	X		X		X								X		X		X		X		X		X		X		X		X		X		X		X
	X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X
	X		X		X										X		X			X		X					X		X				X		X
			X		X																														
	X		X		X								X		X		X		X		X		X		X		X		X		X		X		X

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MATRIX 2
POST - SECONDARY DEFINITION MATRIX

Product: Basis For Determining Post-Secondary Voc. Ed. Students or Programs As Shown On U.S.O.E. Forms

CRITERIA

States	1. Must Be Enrolled in Grades 13 Or 14		2. Must Be Enrolled In a Junior or Community College Or Other 2 yr. Institution		3. Must Attend Day Time Classes Only		4. Must Have High School Diploma or G.E.D.		5. Must Pass Entrance Exam (Other Than G.E.D.)		6. Specific Number of Contact Or Credit Hours Required	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Alabama	X		X		X			X		X		X
Alaska		X		X		X	X					X
Arizona	X		X			X					X	
Arkansas	X			X	X		X					X
California		X	X			X		X				X
Colorado	X		X			X		X		X		X
Connecticut	X		X			X		X		X		X
Delaware		X		X	X			X				X
Dist. of C.		X		X		X		X		X		
Florida		X		X		X		X				X
Georgia		X		X		X		X				
Hawaii		X	X			X		X		X		X
Idaho	X		X		X		X				X	
Illinois	X		X			X		X	X	X		X
Indiana		X		X		X		X	X		X	
Iowa		X		X		X		X		X		X
Kansas		X		X		X		X		X		X
Kentucky		X	X			X		X		X		X
Louisiana		X	X		X		X			X		X
Maine	X		X		X		X			X		X
Maryland		X		X		X		X		X		X
Massachusetts												
Michigan		X	X			X		X		X		X
Minnesota		X	X			X		X	X		X	
Mississippi		X	X			X	X		X			X
Missouri		X		X	X			X		X		X
Montana		X	X		X			X		X		X
Nebraska	X		X			X		X	X		X	
Nevada		X		X		X		X		X		X
New Hampshire		X	X			X	X			X		X
New Jersey		X		X		X		X		X		X
New Mexico		X		X		X		X		X		X
New York		X	X			X	X		X		X	
N. Carolina	X		X			X	X		X	X	X	
N. Dakota	X		X		X			X				X
Ohio	X			X		X		X	X		X	
Oklahoma		X	X			X		X	X		X	
Oregon		X		X		X		X		X		X
Pennsylvania												
Rhode Island	X		X		X		X		X		X	
S. Carolina		X		X		X		X	Must be 16 up			X
S. Dakota		X		X		X		X	X and full time		X	
Tennessee	X			X		X		X	18 or older	X	Health	X
Texas		X		X		X		X	full time		X	X
Utah	X			X		X		X		X		X
Vermont		X	X		X		X		only under V.E. Dept.		X	
Virginia	X		X			X	X					X
Washington		X	X			X		X		X		X
W. Virginia	X			X		X		X	X		X	
Wisconsin		X	X			X		X		X		X
Wyoming	X		X			X		X		X		X
Puerto Rico												

Source: Data collected from the various States.

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MATRIX 3
ADULT DEFINITION MATRIX

Product:· Basis For Determining Adult Voc. Ed. Students As Shown On U.S.O.E. Forms

CRITERIA

States	1. Must Meet Specific Age Requirement		2. Must Be Enrolled In Evening Classes Only		3. Completion Of Specific Number of Prior School Years		4. College Credit Received		5. Specific Number Of Contact Hours	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Alabama		X	X			X		X	X	
Alaska		X		X		X				X
Arizona		X		X		X		X		X
Arkansas		X		X		X		X		X
California	X			X		X	X			X
Colorado	X			X		X		X		X
Connecticut	X		X			X		X		X
Delaware	X		X			X		X		X
Dist. of C.	X			X		X		X		X
Florida		X		X		X		X		X
Georgia		X	X			X		X		X
Hawaii		X	X			X		X		X
Idaho	X			X		X		X		X
Illinois		X		X		X		X		X
Indiana		X		X		X		X		X
Iowa		X		X		X		X		X
Kansas		X		X		X		X	X	
Kentucky		X		X		X		X		X
Louisiana		X	X			X		X		
Maine		X		X		X		X	X	
Maryland		X		X		X		X		X
Massachusetts										
Michigan		X		X		X		X		X
Minnesota		X		X		X		X		X
Mississippi		X		X		X		X		X
Missouri		X		X		X		X		X
Montana		X		X		X		X		X
Nebraska		X		X		X		X		X
Nevada		X		X		X		X		X
New Hampshire	X			X		X		X	X	
New Jersey		X		X		X		X		X
New Mexico		X		X		X		X		X
New York	X			X		X		X		X
N. Carolina	X			X		X		X	X	
N. Dakota		X		X		X		X		X
Ohio		X		X		X		X		X
Oklahoma		X		X		X		X		X
Oregon		X		X		X		X		X
Pennsylvania										
Rhode Island	X		X			X		X		X
S. Carolina		X		X		X		X		X
S. Dakota	X			X		X		X		X
Tennessee		X		X		X		X		X
Texas	X			X		X		X		X
Utah		X		X		X		X		X
Vermont		X		X		X		X		X
Virginia		X		X		X	X			X
Washington		X		X		X		X		X
W. Virginia	X			X		X		X		X
Wisconsin		X		X		X		X		X
Wyoming		X		X		X	Con. if wanted	X		X
Puerto Rico										

Source: Data collected from the various States.

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MATRIX 4
COMPLETION DEFINITION MATRIX

Product: Basis for Determining "Completion" as Shown On The U.S.O.E. Forms

States	CRITERIA																													
	1. Must Complete One Vocational Course						2. Must Complete Specific Number Of Contact Hours						3. Must Complete Specific Grade Level						4. Must Pass Achievement Test						5. Based On Teacher's Judgment					
	Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult		Sec		P-Sec		Adult	
	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N	Y	N
Alabama		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X
Alaska	X		X		X			X		X		X		X		X		X		X		X		X	X		X		X	
Arizona	X		X		X			X		X		X		X		X		X		X		X		X	X		X		X	
Arkansas	X		X		X			X	X			X	X			X		X		X		X		X	X		X		X	
California		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
Colorado		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
Connecticut		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
Delaware	X		X		X		X			X		X		X		X		X		X		X		X	X		X		X	
Dist. of C.	X		X		X		X			X		X	X			X		X		X		X		X	X		X		X	
Florida		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
Georgia		X		X		X		X		X		X		X		X		X		X		X		X	X			X		X
Hawaii	X			X		X		X		X		X		X		X		X		X		X		X		X		X		X
Idaho	X		X		X			X		X		X		X		X		X		X		X		X	X		X		X	
Illinois	X		X		X		X		X		X			X		X		X		X		X		X	X		X		X	
Indiana		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
Iowa		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
Kansas		X		X		X		X		X		X	Must complete program or get job					X		X		X								
Kentucky		X		X	X		X			X		X	X			X		X		X		X		X	X		X		X	
Louisiana		X		X	X			X		X		X	X		X			X		X		X		X	X		X		X	
Maine		X		X	X			X		X		X	X		X			X		X		X		X	X		X		X	
Maryland		X		X	X			X		X		X		X	X			X		X		X		X	X		X		X	
Massachusetts																														
Michigan		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
Minnesota		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
Mississippi		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
Missouri		X		X		X	X		X		X		X			X		X		X		X		X	X		X		X	
Montana	X			X	X		X		X		X			X	X			X		X		X		X	X			X	X	
Nebraska	X		X		X		X		X		X			X	X		X			X		X		X	X		X		X	
Nevada	X		X		X			X		X		X	X		X		X			X		X		X	X		X		X	
New Hampshire		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
New Jersey		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
New Mexico		X		X	X		X		X		X			X		X		X		X	X			X	X		X		X	
New York																														
N. Carolina		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
N. Dakota		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
Ohio		X		X	X		X		X			X		X		X		X		X		X		X	X		X		X	
Oklahoma		X		X	X		X		X			X	X			X		X		X		X		X	X		X		X	
Oregon		X		X		X	X		X		X			X		X		X	X		X		X			X	X		X	
Pennsylvania																														
Rhode Island		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
S. Carolina		X		X	X		X		X			X	X			X		X		X		X		X	X		X			X
S. Dakota		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
Tennessee		X		X	X			X		X		X	X			X		X		X		X		X	X		X		X	
Texas		X		X	X			X		X		X		X	X			X		X		X		X	X		X		X	
Utah	X		X		X			X		X		X	X			X		X		X		X		X	X		X		X	
Vermont		X		X	X			X		X		X	X		X			X		X	X			X	X			X	X	
Virginia		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
Washington		X		X	X			X		X		X		X		X		X		X		X		X	X		X		X	
W. Virginia		X		X		X		X		X		X		X		X		X		X		X		X	X		X		X	
Wisconsin				X	X				X			X				X		X				X		X			X		X	
Wyoming	X		X		X		X			X		X	X		X			X		X		X		X	X		X		X	
Puerto Rico																														

Source: Data collected from the various States.

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MATRIX 5
EARLY LEAVERS WITH MARKETABLE SKILLS DEFINITION MATRIX

Product: Basis For Determining Early Leavers With Marketable Skills As Shown on U.S.O.E. Forms

States	CRITERIA 1. Completes Specific Number of Contact Hours Prior To Leaving		2. Obtains Job Based on Skills Learned in Program		3. Drops Out Of School		4. Drops Out Of Vocational Program		5. Passes Achievement Test		6. Based On Judgment of Teacher	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Alabama		X		X	X			X		X	X	
Alaska		X		X	X		or X			X	X	
Arizona		X	X		X			X		X	X	
Arkansas		X	X			X		X		X	X	
California	NA		NA		NA		NA		NA		NA	
Colorado		X		X		X		X		X	X	
Connecticut		X		X	X		X			X		X
Delaware		X		X		X	X			X	X	
Dist. of C.		X		X		X	X			X	X	
Florida					Included in Completions					X	X	
Georgia		X	sec. X	X p.s.	X		X			X	sec. X	X p.s.
Hawaii		X	X			X		X		X	X	
Idaho		X	X		X			X		X	X	
Illinois		X	X		X		X			X	X	
Indiana		X	X		X		X			X	X	
Iowa		X	X			X		X		X		X
Kansas		X	X			X	X			X		X
Kentucky		X	X		X			X		X	X	
Louisiana		X		X		X		X		X	X	
Maine		X	X		X		X			X		X
Maryland		X		X	X			X		X	X	
Massachusetts												
Michigan		X	X			X		X		X	X	
Minnesota		X	X		X			X		X	X	
Mississippi		X	X		X			X		X		X
Missouri		X		X		X		X		X	X	
Montana		X	X		p.s.X	sec.X		X		X	X	
Nebraska		X	X			X		X		X	X	
Nevada		X		X	X			X		X	X	
New Hampshire		X		X	X			X		X	X	
New Jersey		X -	X		X		or X			X	X	
New Mexico		X	X			X	X			X	X	
New York												
N. Carolina		X		X		X		X		X		X
N. Dakota	Must complete prescribed course	X	X		X	Must complete 11th Grade		X		X	X	
Ohio		X	X		X			X		X		X
Oklahoma		X		X	X		or X			X	X	
Oregon		X	X		X		X			X	X	
Pennsylvania												
Rhode Island		X		X	X		or X			X		X
S. Carolina		X		X	X			X		X	X	
S. Dakota		X		X		X		X		X	X	
Tennessee		X	X		X			X		X	X	
Texas		X		X	X			X		X	X	
Utah		X		X	X		or X			X	X	
Vermont		X		X		X		X		X	X	
Virginia		X	X		X			X		X	X	
Washington		X		X	X			X		X	X	
W. Virginia		X		X		X		X		X	X	
Wisconsin	X 3/4 program			X		X	X			X	X	
Wyoming	X			X	X		or X			X	X	
Puerto Rico												

Source: Data collected from the various States.

MATRIX 6
RELATED FIELD DEFINITION MATRIX

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Product: Basis For Determining A "Related Field:" As Shown On U.S.O.E. Forms

States	CRITERIA											
	1. Field Is Within Cluster For Which Student Was Trained		2. Field Is Within Same U.S.O.E. Code For Which Student Was Trained		3. Field Is Related By Work Content		4. Field Is Related By Title Only		5. Any Field In Which Student Finds Employment		6. Teacher Determines	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Alabama	X			X		X		X		X	X	
Alaska	X			X		X		X		X	X	
Arizona		X		X		X	X			X		X
Arkansas		X	X		X		X		MAYBE		X	
California	X			X		X		X		X		X DISTRICT
Colorado		X	X			X		X		X		X
Connecticut	X				X			X		X	X	
Delaware				NO STATE CRITERIA								
Dist. of C.	X		X			X		X		X	X	
Florida	X			X		X		X		X	X	
Georgia	X			X	X			X		X	X	X
Hawaii	X			X	X			X		X		X
Idaho	X			X		X		X		X	X	
Illinois	X			NA	X			X		X	X	
Indiana	X		X		X			X		X	Entirely determined by Teacher	
Iowa				NO SPEC. CRITERIA							X	
Kansas		X	X		X			X		X	X Entirely up to Teacher	
Kentucky	X			X		X		X		X	X	
Louisiana		X	X			X		X		X	X	
Maine	X		X		X			X		X		X
Maryland		X	X			X		X		X		X
Massachusetts												Local School
Michigan	X			X		X		X		X		X
Minnesota		X		X		X	X			X		X Student
Mississippi	X If it used skills for which trained										X	
Missouri	X		X		X			X		X		X School
Montana	X		X			X		X		X	NA	NA
Nebraska	X		X			X		X		X	X	
Nevada				STUDENT DETERMINES								X Student
New Hampshire				TEACHER DECIDES - NO SPEC. CRITERIA							X	
New Jersey	X		X			X		X		X	X	
New Mexico				NO SPEC. CRITERIA							X	
New York												
N. Carolina	X			X		X		X		X		X Local
N. Dakota	X			X		X		X		X		X Agencies
Ohio		X		X	X			X		X		X District
Oklahoma				NO STATE GUIDELINES							X	
Oregon				NO SPEC. CRITERIA								X Student
Pennsylvania												
Rhode Island				NO STATE - WIDE CRITERIA								
S. Carolina	X			X		X		X		X	X Or Guidance	
S. Dakota	X			X		X		X		X	X	
Tennessee				NO SPEC. CRITERIA							X	
Texas				NO SPEC. CRITERIA							X	
Utah				NO STATE - WIDE CRITERIA							X	
Vermont		X		X	X			X		X	X Or Counselor	
Virginia		X		X	X			X		X	X	
Washington				NO SPEC. CRITERIA								
W. Virginia		X	X		X		X			X	X	
Wisconsin		X	X			X		X		X		X Student
Wyoming	X			X		X		X		X	X	
Puerto Rico												

Source: Data collected from the various States.

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Table 1 - Total Enrollment in Vocational Education Programs, 1972-73

States	Total Vocational Education Enrollment	Total Secondary Vocational Education Enrollment	Total Post-Secondary Vocational Education Enrollment	Total Adult Vocational Education Enrollment
U.S. TOTAL	12,064,761	7,348,666[1]	1,349,465	3,366,630
Alabama	186,197	112,496	20,812	52,889
Alaska	24,927	13,686	1,653	9,588
Arizona	134,991	63,090	53,218	18,683
Arkansas	119,232	69,841	6,620	42,771
California	1,227,782	542,436	302,327	383,019
Colorado	109,399	53,960	18,136	37,303
Connecticut	180,233	148,443	6,739	25,051
Delaware	48,929	43,298	1,304	4,327
Dist. of C.	16,229	12,383	892	2,954
Florida	709,006	385,949	110,825	212,232
Georgia	344,077	226,504	26,769	90,804
Hawaii	43,094	20,230	11,640	11,224
Idaho	36,697	24,582	3,777	8,338
Illinois	1,090,622	962,439	77,870	50,313
Indiana	157,352	105,760	7,990	43,602
Iowa	162,508	53,610	16,544	92,354
Kansas	98,082	47,600	7,935	42,547
Kentucky	185,319	111,510	12,900	60,909
Louisiana	185,038	130,352	22,125	32,561
Maine	40,331	25,834	2,259	12,238
Maryland	232,013	182,217	19,170	30,626
Massachusetts	176,058	131,750	14,322	29,986
Michigan	351,073	185,978	57,800	107,295
Minnesota	296,424	153,552	24,239	118,633
Mississippi	125,970	71,931	9,526	44,513
Missouri	103,480	73,116	8,678	21,686
Montana	33,169	23,448	5,324	4,397
Nebraska	83,978	48,458	8,189	27,331
Nevada	36,059	26,050	4,250	5,759
New Hampshire	38,483	29,811	2,123	6,549
New Jersey	363,506	246,272	21,147	96,087
New Mexico	65,978	53,762	5,055	7,161
New York	952,762	664,659	64,621	223,482
N. Carolina	544,615	255,212	54,650	234,753
N. Dakota	36,910	24,353	5,016	7,541
Ohio	586,682	363,238	22,537	200,907
Oklahoma	112,365	69,022	8,174	35,169
Oregon	129,811	71,271	25,561	32,979
Pennsyvlania	356,300	213,340	31,860	111,100
Rhode Island	25,162	19,713	946	4,503
S. Carolina	125,801	103,493	7,200	15,108
S. Dakota	29,363	21,214	2,126	6,023
Tennessee	163,064	97,992	20,695	44,377
Texas	711,036	349,478	62,708	298,850
Utah	106,013	69,149	9,823	27,041
Vermont	18,773	14,335	215[2]	4,223
Virginia	371,815	230,143	22,007	119,665
Washington	262,871	119,761	36,607	106,503
W. Virginia	63,752	41,215	2,566	19,971
Wisconsin	301,907	130,563	61,085	110,259
Wyoming	19,948	15,806	2,655	1,487
Puerto Rico	139,575	94,361	16,255	28,959

[1] Secondary Vocational Education includes students below grade nine as reported on U.S.O.E. form 3138.

[2] Includes only those programs administered by the State Division of Vocational Education.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 2 - Vocational Education Enrollment by Occupational Area, 1972-73

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States	Total Vocational Education Enrollment	Enrollment by Occupational Area						
		Agri-culture	Percent	Distri-butive Education	Percent	Health	Percent	Con-sumer & Home-making
U.S. TOTAL	12,183,383[1]	927,141	7.61	738,449	6.06	421,008	3.46	3,186,476
Alabama	186,197	46,286	24.86	7,786	4.18	4,287	2.30	46,733
Alaska	24,927	178	0.71	4,455	17.87	392	1.57	3,670
Arizona	134,991	4,651	3.45	14,431	10.69	6,757	5.01	38,382
Arkansas	119,232	23,837	19.99	5,635	4.73	3,663	3.07	40,420
California	1,227,782	61,149	4.98	80,479	6.55	49,590	4.04	250,945
Colorado	109,399	4,075	3.72	11,803	10.79	3,780	3.46	30,709
Connecticut	180,233	2,059	1.14	4,067	2.26	2,987	1.66	55,891
Delaware	48,929	1,821	3.72	2,625	5.36	804	1.64	10,333
Dist. of C.	16,229	36	0.22	550	3.39	651	4.01	6,528
Florida	709,006	36,934	5.21	69,433	9.79	31,106	4.39	175,645
Georgia	344,077	49,160	14.29	16,730	4.86	10,362	3.01	82,482
Hawaii	46,317[2]	2,423	5.23	2,106	4.55	617	1.33	12,101
Idaho	36,697	5,510	15.01	1,641	4.47	1,302	3.55	13,185
Illinois	1,090,622	26,948	2.47	30,107	2.76	18,331	1.68	44,255
Indiana	157,352	22,705	14.43	8,118	5.16	4,625	2.94	57,431
Iowa	162,508	34,909	21.48	5,041	3.10	21,609	13.30	41,086
Kansas	98,082	10,270	10.47	6,794	6.93	1,880	1.92	27,360
Kentucky	185,319	21,829	11.78	9,817	5.30	4,008	2.16	63,042
Louisiana	185,038	19,801	10.70	11,531	6.23	6,451	3.49	54,529
Maine	40,331	1,201	2.98	1,440	3.57	1,490	3.69	5,689
Maryland	245,801[3]	4,473	1.82	4,814	1.96	4,384	1.78	110,498
Massachusetts	176,058	2,725	1.55	7,456	4.23	6,417	3.64	15,358
Michigan	351,073	14,583	4.15	42,725	12.17	18,524	5.28	74,625
Minnesota	296,424	43,445	14.66	17,609	5.94	6,399	2.16	101,669
Mississippi	125,970	20,550	16.31	6,976	5.54	2,930	2.33	36,174
Missouri	103,480	13,273	12.83	11,354	10.97	5,332	5.15	23,943
Montana	33,169	3,396	10.24	1,626	4.90	665	2.00	11,111
Nebraska	83,978	10,081	12.00	5,589	6.66	6,197	7.38	27,225
Nevada	36,059	1,718	4.76	818	2.27	1,840	5.10	4,413
New Hampshire	38,483	1,569	4.08	572	1.49	1,153	3.00	18,599
New Jersey	366,738[4]	2,768	0.75	12,219	3.33	10,720	2.92	127,506
New Mexico	65,978	5,129	7.77	2,318	3.51	1,502	2.28	16,551
New York	952,762	19,278	2.02	29,972	3.15	37,801	3.97	373,786
N. Carolina	544,615	30,722	5.64	26,854	4.93	34,219	6.28	131,859
N. Dakota	36,910	6,779	18.37	1,147	3.11	969	2.63	12,766
Ohio	586,682	39,359	6.71	65,478	11.16	17,324	2.95	133,455
Oklahoma	127,978[5]	25,386	19.84	6,442	5.03	4,179	3.27	32,371
Oregon	129,811	4,596	3.54	5,578	4.30	4,962	3.82	51,877
Pennsylvania	369,758[6]	15,345	4.15	11,996	3.24	14,138	3.82	60,[illegible]45
Rhode Island	25,162	1,183	4.70	1,240	4.93	857	3.41	13,387
S. Carolina	125,801	10,564	8.40	5,160	4.10	2,217	1.76	37,886
S. Dakota	29,363	4,593	15.64	1,668	5.68	523	1.78	14,665
Tennessee	169,705[7]	20,988	12.37	9,700	5.72	5,315	3.13	48,607
Texas	711,036	143,656	20.20	57,834	8.13	24,088	3.3[illegible]	278,087
Utah	131,696[8]	5,028	3.82	9,550	7.25	1,821	1.[illegible]	35,916
Vermont	18,773	1,525	8.12	804	4.28	561	2.99	6,500
Virginia	371,815	30,389	8.17	46,363	12.47	6,630	1.78	99,557
Washington	299,855[9]	23,717	7.91	20,364	6.80	9,122	3.04	87,209
W. Virginia	63,752	4,671	7.33	1,361	2.13	1,595	2.50	19,058
Wisconsin	301,907	30,679	10.16	17,085	5.66	12,065	4.00	51,139
Wyoming	19,948	2,046	10.26	937	4.70	236	1.18	4,367
Puerto Rico	139,575	7,145	5.12	10,231	7.33	1,631	1.17	65,751

[1] Totals shown in this column include students enrolled in programs not identified by occupational areas and enrollment duplication.

[2] This total includes 3,223 duplication within the occupational areas.

[3] This total includes 13,788 duplication within the occupational areas.

[4] This total includes 3,232 duplication within the occupational areas.

[5] This total includes 15,613 duplication within the occupational areas.

[6] This total includes 13,458 duplication within the occupational areas.

[7] This total includes 6,[illegible]1 duplication within the occupational areas.

[8] This total includes 25,683 duplication within the occupational areas.

[9] This total includes 36,984 duplication within the occupational areas.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972, 1973.

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Enrollment by Occupational Area

Percent	Occup. Home Ec.	Percent	Office	Percent	Tech.	Percent	Trade and Industry[a]	Percent
26.15	322,696	2.65	2,497,358	20.50	362,909	2.99	2,695,726	22.13
25.10	5,279	2.84	26,618	8.92	526	0.28	52,873	28.40
14.72	523	2.18	7,579	30.40	1,009	4.05	7,016	28.15
28.43	5,136	3.82	25,289	18.73	7,196	5.33	26,839	19.84
33.90	1,098	0.92	12,036	10.09	555	0.47	25,871	21.70
20.44	34,651	2.82	392,295	31.95	59,966	4.88	298,707	24.33
28.07	4,237	3.87	21,842	19.97	7,593	6.94	24,285	22.20
31.01	1,072	0.59	52,021	28.86	9,380	5.20	27,981	15.52
21.12	4,550	9.30	13,993	28.60	892	1.82	8,241	16.84
40.22	704	4.36	976	6.01	18	0.11	3,781	23.30
24.77	35,956	7.89	118,620	16.73	41,748	5.89	162,563	22.93
23.97	9,249	2.69	83,755	24.34	6,175	1.79	53,895	15.66
26.13	705	1.52	13,650	29.47	712	1.54	13,553	29.76
35.93	439	1.25	[illegible]	15.52	553	1.51	7,225	19.69
4.06	33,922	3.11	[illegible]	22.17	11,646	1.07	207,107	18.99
36.50	1,609	1.07	[illegible]	14.28	2,059	1.31	34,904	22.18
25.28	2,497	1.54	16,462	10.13	3,091	1.90	37,813	23.27
27.90	2,266	2.31	10,652	11.06	832	0.82	37,858	38.60
34.02	2,786	1.50	25,745	13.89	1,292	0.70	38,756	20.91
29.47	2,091	1.13	56,754	30.67	4,399	2.38	29,482	15.93
14.11	649	1.61	15,632	38.76	1,271	3.15	12,959	32.13
44.95	1,657	0.67	63,113	25.68	[illegible]	3.22	43,056	17.52
8.72	8,008	4.55	86,000	40.85	[illegible]	2.64	34,311	19.49
21.26	9,785	2.79	57,439	16.36	[illegible]	4.81	96,193	27.40
34.30	8,163	2.75	32,342	10.91	9,743	3.29	77,054	25.99
28.72	2,277	1.81	9,726	7.72	8,742	6.94	28,651	22.74
23.14	2,443	2.36	19,405	17.79	4,395	4.25	21,812	21.08
33.50	305	0.92	4,230	12.75	921	2.78	10,915	32.91
32.42	1,543	1.84	11,109	13.23	623	0.74	20,292	24.16
12.24	899	2.49	10,827	30.03	3,156	8.75	10,783	29.90
48.33	363	0.94	8,852	23.00	368	0.96	6,600	17.15
34.77	6,210	1.69	121,163	33.04	13,269	3.62	57,697	15.73
25.09	1,348	2.04	17,951	27.21	1,637	2.48	8,953	13.57
39.23	12,869	1.35	274,866	28.85	28,735	3.02	175,455	18.42
24.21	25,517	4.69	35,133	6.45	13,985	2.57	165,352	30.36
34.59	385	1.04	5,038	13.65	521	1.41	5,481	14.85
22.75	8,847	1.51	58,515	9.97	5,122	0.87	106,397	18.14
25.29	3,202	2.50	8,816	6.89	2,077	1.62	38,135	29.80
39.96	2,720	2.10	26,272	20.24	5,332	4.11	28,474	21.93
16.27	7,583	2.05	84,681	22.90	21,711	5.87	142,259	38.47
53.20	50	0.20	1,063	4.22	1,334	5.30	6,048	24.04
30.12	1,463	1.16	11,648	9.26	0	0.00	30,753	24.45
49.94	848	2.89	1,743	5.94	443	1.51	4,818	16.41
28.64	2,612	1.54	21,539	12.69	5,180	3.05	50,171	29.56
39.11	13,384	1.88	48,878	6.87	16,806	2.36	111,743	15.72
27.27	3,133	2.38	22,413	17.02	1,585	1.20	22,464	17.06
34.62	440	2.34	3,311	17.64	80	0.43	5,113	27.24
26.78	3,299	0.89	87,412	23.51	6,379	1.72	84,387	22.70
29.08	8,509	1.84	79,055	26.36	6,465	2.65	63,374	21.13
29.89	1,531	2.40	15,983	25.07	1,979	3.10	17,196	26.97
16.94	8,739	2.39	85,617	28.36	8,911	2.95	83,670	27.71
21.89	123	0.62	7,050	35.34	398	2.00	2,228	11.17
47.11	4,962	3.56	23,274	16.67	1,670	1.20	24,182	17.33

Table 3 - Vocational Education Enrollment
Per 1,000 Population, 1972-73

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States	Total Population	Total Vocational Education Enrollment	Vocational Education Enrollment Per 1,000 Population
U.S. Total	209,351,000	12,064,761	57.63
Alabama	3,539,000	186,197	52.61
Alaska	330,000	24,927	75.54
Arizona	2,058,000	134,991	65.59
Arkansas	2,037,000	119,232	58.53
California	20,601,000	1,227,782	59.60
Colorado	2,437,000	109,399	44.89
Connecticut	3,076,000	180,233	58.59
Delaware	576,000	48,929	84.95
Dist. of C.	246,000	16,229	65.97
Florida	7,678,000	709,006	92.34
Georgia	4,786,000	344,077	71.89
Hawaii	832,000	43,094	51.80
Idaho	770,000	36,697	47.66
Illinois	11,236,000	1,090,622	97.06
Indiana	5,316,000	157,352	29.60
Iowa	2,904,000	162,508	55.96
Kansas	2,279,000	98,082	43.04
Kentucky	3,342,000	185,319	55.45
Louisiana	3,764,000	185,038	49.16
Maine	1,028,000	40,331	39.23
Maryland	4,070,000	232,013	57.01
Massachusetts	5,818,000	176,058	30.26
Michigan	9,044,000	351,073	38.82
Minnesota	3,897,000	296,424	76.06
Mississippi	2,281,000	125,970	55.23
Missouri	4,757,000	103,480	21.75
Montana	721,000	33,169	46.00
Nebraska	1,542,000	83,978	54.46
Nevada	548,000	36,059	65.80
New Hampshire	791,000	38,483	48.65
New Jersey	7,361,000	363,506	49.38
New Mexico	1,106,000	65,978	59.65
New York	18,265,000	952,762	52.16
N. Carolina	5,273,000	544,615	103.28
N. Dakota	640,000	36,910	57.67
Ohio	10,731,000	586,682	54.67
Oklahoma	2,663,000	112,365	42.19
Oregon	2,225,000	129,811	58.34
Pennsylvania	11,902,000	356,300	29.94
Rhode Island	973,000	25,162	25.86
S. Carolina	2,726,000	125,801	46.15
S. Dakota	685,000	29,363	42.87
Tennessee	4,126,000	163,064	39.52
Texas	11,794,000	711,036	60.29
Utah	1,157,000	106,013	91.63
Vermont	464,000	18,773	40.46
Virginia	4,811,000	371,815	77.28
Washington	3,429,000	262,871	76.66
W. Virginia	1,794,000	63,752	35.54
Wisconsin	4,569,000	301,907	66.08
Wyoming	353,000	19,948	56.51
Puerto Rico	NA	139,575	--

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

"Current Population Report," P-25, U.S. Department of Commerce, Social and Economic Statistics Administration, Bureau of the Census, September, 1973.

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Table 4 - Secondary Vocational Education Enrollment as a Percent of the Population 15-19 Years of Age, 1972-73

States	Total Population 15-19 Years of Age	Secondary Vocational Education Enrollment	Secondary Vocational Education Enrollment as a Percent of Population 15-19 Years of Age
U.S. TOTAL	19,072,404	7,348,666	38.53[1]
Alabama	341,751	112,496	32.92
Alaska	26,768	13,686	51.13
Arizona	173,424	63,090	36.38
Arkansas	182,192	69,841	38.33
California	1,817,379	542,436	29.85
Colorado	217,451	53,960	24.81
Connecticut	264,053	148,443	56.22
Delaware	51,332	43,298	84.35
Dist. of C.	65,609	12,383	18.87
Florida	576,776	385,949	66.91
Georgia	442,571	226,504	51.18
Hawaii	71,843	20,230	28.16
Idaho	74,065	24,582	33.19
Illinois	1,011,062	962,439	95.19
Indiana	502,240	105,760	21.06
Iowa	273,475	53,610	19.60
Kansas	217,212	47,600	21.91
Kentucky	318,756	111,510	34.98
Louisiana	375,958	130,352	34.67
Maine	93,361	25,834	27.67
Maryland	356,139	182,217	51.16
Massachusetts	514,556	131,750	25.60
Michigan	872,624	185,978	21.31
Minnesota	373,405	153,552	41.12
Mississippi	232,971	71,931	30.88
Missouri	429,653	73,116	17.02
Montana	70,346	23,448	33.33
Nebraska	143,175	48,458	33.85
Nevada	40,185	26,050	64.83
New Hampshire	67,264	29,811	44.32
New Jersey	611,831	246,272	40.25
New Mexico	105,164	53,762	51.12
New York	1,563,179	664,659	42.52
N. Carolina	519,514	255,212	49.13
N. Dakota	64,769	24,353	37.60
Ohio	1,012,221	363,238	35.89
Oklahoma	241,535	69,022	28.58
Oregon	203,362	71,271	35.05
Pennsylvania	1,075,430	213,340	19.84
Rhode Island	85,680	19,713	23.01
S. Carolina	280,881	103,493	36.85
S. Dakota	69,989	21,214	30.31
Tennessee	377,954	97,992	25.93
Texas	1,092,752	349,478	31.98
Utah	116,607	69,149	59.30
Vermont	44,397	14,335	32.29
Virginia	440,872	230,143	52.20
Washington	329,903	119,761	36.30
W. Virginia	172,386	41,215	23.91
Wisconsin	433,153	130,563	30.14
Wyoming	33,229	15,806	47.57
Puerto Rico	NA	94,361	NA

[1] Percentages in some States may be high because students below grade nine are included in the secondary enrollment figure and would not fall into the 15-19 age group.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

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Table 5 - Post-Secondary Vocational Education Enrollment as a Percent of the Population 20-24 Years of Age, 1972-73

States	Total Population 20-24 Years of Age	Post-Secondary Vocational Education Enrollment	Post-Secondary Vocational Education Enrollment as a Percent of Population 20-24 Years of Age
U.S. TOTAL	16,371,230	1,349,465	8.24
Alabama	274,544	20,812	7.58
Alaska	35,576	1,653	4.65
Arizona	146,764	53,218	36.26
Arkansas	143,039	6,620	4.63
California	1,740,966	302,327	17.37
Colorado	204,508	18,136	8.87
Connecticut	229,794	6,739	2.93
Delaware	43,785	1,304	2.98
Dist. of C.	79,638	892	1.12
Florida	496,517	110,825	22.32
Georgia	416,949	26,769	6.42
Hawaii	81,555	11,640	14.27
Idaho	53,326	3,777	7.08
Illinois	843,644	77,870	9.23
Indiana	414,724	7,990	1.93
Iowa	203,691	16,544	8.12
Kansas	188,422	7,935	4.21
Kentucky	265,282	12,900	4.86
Louisiana	299,309	22,125	7.39
Maine	75,030	2,259	3.01
Maryland	325,455	19,170	5.89
Massachusetts	464,405	14,322	3.08
Michigan	702,742	57,800	8.22
Minnesota	292,037	24,239	8.30
Mississippi	173,332	9,526	5.50
Missouri	354,697	8,678	2.45
Montana	51,522	5,324	10.33
Nebraska	114,687	8,189	7.14
Nevada	39,075	4,250	10.88
New Hampshire	58,522	2,123	3.63
New Jersey	509,198	21,147	4.15
New Mexico	82,695	5,055	6.11
New York	1,382,376	64,621	4.67
N. Carolina	464,072	54,650	11.78
N. Dakota	48,767	5,016	10.29
Ohio	833,369	22,537	2.70
Oklahoma	207,450	8,174	3.94
Oregon	162,638	25,561	15.72
Pennsylvania	852,425	31,860	3.74
Rhode Island	87,963	946	1.08
S. Carolina	238,202	7,200	3.02
S. Dakota	48,646	2,126	4.37
Tennessee	321,177	20,695	6.44
Texas	958,507	62,708	6.54
Utah	97,859	9,823	10.04
Vermont	36,009	215	0.60
Virginia	439,818	22,007	5.00
Washington	295,964	36,607	12.37
W. Virginia	128,653	2,566	1.99
Wisconsin	337,098	61,085	18.12
Wyoming	24,807	2,655	10.70
Puerto Rico	NA	16,255	NA

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

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Table 6 - Adult Vocational Education Enrollment as a Percent of the Population 25-64 Years of Age, 1972-73

States	Total Population 25-64 Years of Age	Adult Vocational Education Enrollment	Adult Vocational Educat~~ion as~~ a Percent of Population, 25-64 Years of Age
U.S. TOTAL	89,804,912	3,366,630	3.75
Alabama	1,481,751	52,889	3.57
Alaska	128,119	9,588	7.48
Arizona	753,881	18,683	2.48
Arkansas	819,469	42,771	5.22
California	9,069,321	383,019	4.22
Colorado	953,191	37,303	3.91
Connecticut	1,395,515	25,051	1.80
Delaware	243,772	4.327	1.78
District of C.	352,079	2,954	0.84
Florida	2,976,877	212,232	7.13
Georgia	1,989,653	90,804	4.56
Hawaii	340,588	11,224	3.30
Idaho	301,102	8,338	2.77
Illinois	4,995,386	50,313	1.01
Indiana	2,252,293	43,602	1.94
Iowa	1,190,164	92,354	7.76
Kansas	959,765	42,547	4.43
Kentucky	1,375,506	60,909	4.43
Louisiana	1,502,893	32,561	2.17
Maine	423,084	12,238	2.89
Maryland	1,782,436	30,626	1.72
Massachusetts	2,506,201	29,986	1.20
Michigan	3,839,216	107,295	2.79
Minnesota	1,581,183	118,633	7.50
Mississippi	888,484	44,513	5.01
Missouri	2,041,068	21,686	1.06
Montana	295,875	4,397	1.49
Nebraska	621,686	27,231	4.40
Nevada	234,454	5,759	2.46
New Hampshire	319,207	6,549	2.05
New Jersey	3,357,863	96,087	2.86
New Mexico	418,835	7,161	1.71
New York	8,453,238	223,482	2.64
N. Carolina	2,231,690	234,753	10.52
N. Dakota	251,965	7,541	2.99
Ohio	4,701,044	200,907	4.27
Oklahoma	1,121,977	35,169	3.13
Oregon	928,897	32,979	3.55
Pennsylvania	5,416,432	111,100	2.05
Rhode Island	418,952	4,503	1.07
S. Carolina	1,092,764	15,108	1.38
S. Dakota	268,990	6,023	2.24
Tennessee	1,743,850	44,377	2.54
Texas	4,824,944	298,850	6.19
Utah	414,697	27,041	6.52
Vermont	185,221	4,223	2.28
Virginia	2,078,450	119,665	5.76
Washington	1,503,510	106,503	7.08
W. Virginia	774,966	19,971	2.58
Wisconsin	1,857,026	110,259	5.94
Wyoming	145,382	1,487	1.02
Puerto Rico	NA	28,959	NA

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education & Welfare, Washington, D.C., FY 1973.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

Table 7 - Total Vocational Education Students Enrolled In Special Programs by Secondary, Post-Secondary, and Adult Levels, 1972-73

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States	Total Vocational Education Enrollment	Total Vocational Education Students in Special Programs	Total Secondary Vocational Education Students in Special Programs	Total Post-Secondary Vocational Education Students in Special Programs	Total Adult Vocational Education Students in Special Programs
U.S. TOTAL	12,064,761	1,624,760[1]	1,408,821	167,943	47,996
Alabama	186,197	5,813	5,813	0	0
Alaska	24,927	85	85	0	0
Arizona	134,991	6,290	4,839	472	979
Arkansas	119,232	6,117	6,117	0	0
California	1,227,782	0	0	0	0
Colorado	109,399	1,075	1,062	13	0
Connecticut	180,233	24,775	24,313	0	462
Delaware	48,929	5,671	5,651	0	20
Dist. of C.	16,229	3,074	2,985	89	0
Florida	709,006	17,001	16,477	63	461
Georgia	344,077	32,269	31,243	573	453
Hawaii	43,094	450	0	443	7
Idaho	36,697	1,432	874	558	0
Illinois	1,090,622	476,495	475,730	453	312
Indiana	157,352	3,429	3,238	54	137
Iowa	162,508	494,530	355,075	131,455	8,000
Kansas	98,082	1,642	1,313	235	94
Kentucky	185,319	18,044	14,553	1,436	2,055
Louisiana	185,038	0	0	0	0
Maine	40,331	1,466	1,089	377	0
Maryland	232,013	14,634	13,529	574	531
Massachusetts	176,058	2,397	1,737	437	223
Michigan	351,073	20,327	13,992	4,485	1,850
Minnesota	296,424	0	0	0	0
Mississippi	125,970	13,037	11,607	1,430	0
Missouri	103,480	2,523	2,394	25	104
Montana	33,169	0	0	0	0
Nebraska	83,978	1,319	1,319	0	0
Nevada	36,059	2,390	2,168	163	59
New Hampshire	38,483	407	401	6	0
New Jersey	363,506	15,186	14,711	0	475
New Mexico	65,978	10,589	10,589	0	0
New York	952,762	NA	NA	NA	NA
N. Carolina	544,615	80,974	79,655	1,319	0
N. Dakota	36,910	3,824	3,321	503	0
Ohio	586,682	152,185	147,165	31	4,989
Oklahoma	112,365	7,370	7,370	0	0
Oregon	129,811	10,450	473	2,171	7,806
Pennsylvania	356,300	11,900	11,900	0	0
Rhode Island	25,162	2,969	2,969	0	0
S. Carolina	125,821	26,110	26,110	0	0
S. Dakota	29,363	62	36	26	0
Tennessee	163,064	5,593	3,984	1,326	283
Texas	711,036	16,560	14,298	171	2,091
Utah	106,013	29,786	26,972	2,239	575
Vermont	18,773	439	439	0	0
Virginia	371,815	7.399	366	6,725	308
Washington	262,871	53,949	43,357	3,622	6,970
W. Virginia	63,752	378	365	13	0
Wisconsin	301,907	17,837	2,943	6,142	8,752
Wyoming	19,948	2,563	2,459	104	0
Puerto Rico	139,575	11,945	11,735	210	0

[1] In some States students enrolled in special programs are not counted in the total enrollment. In other States students enrolled in special programs are counted both in an occupational area and in the special program area, therefore percentages can not be calculated.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 8 - Vocational Education Disadvantaged Students as a Percent of Total Vocational Education Enrollment, 1972-73

States	Total Vocational Education Enrollment	Total Disadvantaged Vocational Education Enrollment	Percent of Disadvantaged Students in Vocational Education
U.S. TOTAL	12,064,761	1,581,025	13.10
Alabama	186,197	21,206	11.39
Alaska	24,927	11,300	45.33
Arizona	134,991	13,896	10.29
Arkansas	119,232	23,936	20.08
California	1,227,782	144,656	11.78
Colorado	109,399	2,277	2.08
Connecticut	180,233	76,361	42.37
Delaware	48,929	12,417	25.38
Dist. of C.	16,229	7,112	43.82
Florida	709,006	70,883	10.00
Georgia	344,077	63,927	18.58
Hawaii	43,094	7,798	18.10
Idaho	36,697	1,491	4.06
Illinois	1,090,622	121,730	11.16
Indiana	157,352	4,578	2.91
Iowa	162,508	40,041	24.64
Kansas	98,082	9,891	10.08
Kentucky	185,319	27,818	15.01
Louisiana	185,038	75,379	40.74
Maine	40,331	2,673	6.63
Maryland	232,013	11,965	5.16
Massachusetts	176,058	8,122	4.61
Michigan	351,073	7,969	2.27
Minnesota	296,424	7,813	2.64
Mississippi	125,970	7,884	6.26
Missouri	103,480	12,210	11.80
Montana	33,169	1,781	5.37
Nebraska	83,978	8,500	10.12
Nevada	36,059	2,805	7.78
New Hamsphire	38,483	2,036	5.29
New Jersey	363,506	18,841	5.18
New Mexico	65,978	12,173	18.45
New York	952,762	242,203	25.42
N. Carolina	544,615	29,991	5.51
N. Dakota	36,910	9,545	25.86
Ohio	586,682	83,425	14.22
Oklahoma	112,365	18,827	16.76
Oregon	129,811	16,413	12.64
Pennsylvania	356,300	36,104	10.13
Rhode Island	25,162	3,880	15.42
S. Carolina	125,801	5,765	4.58
S. Dakota	29,363	1,725	5.87
Tennessee	163,064	29,568	18.13
Texas	711,036	114,846	16.15
Utah	106,013	14,627	13.80
Vermont	18,773	883	4.70
Virginia	371,815	29,511	7.94
Washington	262,871	18,370	6.99
W. Virginia	63,752	2,050	3.22
Wisconsin	301,907	18,497	6.13
Wyoming	19,948	2,381	11.94
Puerto Rico	139,575	60,945	43.66

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Table 9 - Vocational Education Handicapped Students as a Percent of Total Vocational Education Enrollment, 1972-73

States	Total Vocational Education Enrollment	Total Handicapped Vocational Education Enrollment	Percent of Handicapped Students in Vocational Education
U.S. TOTAL	12,064,761	222,713	1.85
Alabama	186,197	1,838	0.99
Alaska	24,927	315	1.26
Arizona	134,991	1,466	1.09
Arkansas	119,232	2,456	2.06
California	1,227,782	17,745	1.45
Colorado	109,399	2,060	1.88
Connecticut	180,233	1,164	0.65
Delaware	48,929	5,308	10.85
Dist. of C.	16,229	392	2.42
Florida	709,006	11,245	1.59
Georgia	344,077	12,076	3.51
Hawaii	43,094	839	1.95
Idaho	36,697	303	0.83
Illinois	1,090,622	14,597	1.34
Indiana	157,352	2,076	1.32
Iowa	162,508	5,258	3.24
Kansas	98,082	3,061	3.12
Kentucky	185,319	3,061	1.65
Louisiana	185,038	1,303	0.70
Maine	40,331	401	0.99
Maryland	232,013	5,058	2.18
Massachusetts	176,058	1,642	0.93
Michigan	351,073	3,622	1.03
Minnesota	296,424	2,205	0.74
Mississippi	125,970	2,817	2.24
Missouri	103,480	3,959	3.83
Montana	33,169	468	1.41
Nebraska	83,978	3,022	3.60
Nevada	36,059	97	0.27
New Hampshire	38,483	544	1.41
New Jersey	363,506	5,260	1.45
New Mexico	65,978	1,140	1.73
New York	952,762	9,246	0.97
N. Carolina	544,615	4,957	0.91
N. Dakota	36,910	1,269	3.44
Ohio	586,682	16,221	2.76
Oklahoma	112,365	10,341	9.20
Oregon	129,811	2,330	1.79
Pennsylvania	356 300	13,434	3.77
Rhode Island	25,162	500	1.99
S. Carolina	125,801	2,594	2.06
S. Dakota	29,363	238	0.81
Tennessee	163,064	5,160	3.16
Texas	711,036	11,920	1.68
Utah	106,013	1,872	1.77
Vermont	18,773	345	1.84
Virginia	371,815	11,299	3.04
Washington	262,871	6,196	2.36
W. Virginia	63,752	852	1.34
Wisconsin	301,907	4,777	1.58
Wyoming	19,948	302	1.51
Puerto Rico	139,575	2,062	1.48

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 10 - Cooperative Vocational Education Enrollment as a Percent of Total Secondary and Post-Secondary Vocational Education Enrollment, 1972-73

States	Secondary and Post-Secondary Vocational Education Enrollment	Cooperative Vocational Education Enrollment	Cooperative Enrollment as a Percent of Secondary and Post-Secondary Vocational Education
U.S. TOTAL	8,698,131	499,063	5.73
Alabama	133,308	10,230	7.71
Alaska	15,339	1,518	9.90
Arizona	116,308	8,101	6.97
Arkansas	76,461	3,935	5.15
California	844,763	37,534	4.44
Colorado	72,096	9,979	13.84
Connecticut	155,182	5,593	3.60
Delaware	44,602	2,806	6.29
Dist. of C.	13,275	1,335	10.06
Florida	496,774	20,633	4.15
Georgia	253,273	22,216	8.77
Hawaii	31,870	1,419	4.45
Idaho	28,359	1,340	4.73
Illinois	1,040,309	25,866	2.49
Indiana	113,750	8,302	7.30
Iowa	70,154	5,835	8.32
Kansas	55,535	3,487	6.28
Kentucky	124,410	6,537	5.25
Louisiana	152,477	6,392	4.19
Maine	28,093	1,311	4.67
Maryland	201,387	11,225	5.57
Massachusetts	146,072	4,116	2.82
Michigan	243,778	31,212	12.80
Minnesota	177,791	15,824	8.90
Mississippi	81,457	2,819	3.46
Missouri	81,794	9,487	11.60
Montana	28,772	1,381	4.80
Nebraska	56,647	3,437	6.07
Nevada	30,300	2,412	7.96
New Hampshire	31,934	773	2.42
New Jersey	267,419	12,893	4.82
New Mexico	58,817	2,535	4.31
New York	729,280	17,012	2.33
N. Carolina	309,862	22,136	7.14
N. Dakota	29,369	2,124	7.23
Ohio	385,775	42,388	10.99
Oklahoma	77,196	7,562	9.80
Oregon	96,832	818	0.84
Pennsylvania	245,200	11,860	4.84
Rhode Island	20,659	891	4.31
S. Carolina	110,693	1,207	1.09
S. Dakota	23,340	1,925	8.25
Tennessee	118,687	7,565	6.37
Texas	412,186	56,973	13.82
Utah	78,972	605	0.77
Vermont	14,550	911	6.26
Virginia	252,150	18,331	7.27
Washington	156,368	7,759	4.96
W. Virginia	43,781	916	2.09
Wisconsin	191,648	4,116	2.15
Wyoming	18,461	1,629	8.82
Puerto Rico	110,616	9,702	8.77

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 11 - Vocational Education Work Study Enrollment as a Percen of Secondary and Post-Secondary Vocational Education Enrollment, 1972-73

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States	Secondary and Post-Secondary Vocational Education Enrollment	Work Study Enrollment	Work Study Enrollment as a Percent of Secondary and Post-Secondary Vocational Education
U.S. TOTAL	8,698,131	33,673	0.39
Alabama	133,308	771	0.58
Alaska	15,339	57	0.37
Arizona	116,308	466	0.40
Arkansas	76,461	369	0.48
California	844,763	2,571	0.30
Colorado	72,096	436	0.60
Connecticut	155,182	275	0.18
Delaware	44,602	728	1.63
Dist. of C.	13,273	143	1.08
Florida	496,774	412	0.08
Georgia	253,273	745	0.29
Hawaii	31,870	683[1]	2.14
Idaho	28,359	170	0.60
Illinois	1,040,309	888	0.09
Indiana	113,750	60[illegible]	0.53
Iowa	70,154	661	0.94
Kansas	55,535	680	1.22
Kentucky	124,410	1,007	0.81
Louisiana	152,477	930	0.61
Maine	28,093	140	0.50
Maryland	201,387	299	0.15
Massachusetts	146,072	2,196	1.50
Michigan	243,778	1,501	0.62
Minnesota	177,791	705	0.40
Mississippi	81,457	213	0.26
Missouri	81,794	588	0.72
Montana	28,772	248	0.86
Nebraska	56,647	265	0.47
Nevada	30,300	73	0.24
New Hampshire	31,934	62	0.19
New Jersey	267,419	3,232	1.21
New Mexico	58,817	217	0.37
New York	729,280	1,500	0.21
N. Carolina	309,862	537	0.17
N. Dakota	29,369	100	0.34
Ohio	385,775	907	0.24
Oklahoma	77,196	247	0.32
Oregon	96,832	275	0.28
Pennsylvania	245,200	1,515	0.62
Rhode Island	20,659	47	0.23
S. Carolina	110,693	700	0.63
S. Dakota	23,340	132	0.57
Tennessee	118,687	1,227	1.03
Texas	412,186	751	0.18
Utah	78,972	115	0.15
Vermont	14,550	167	1.15
Virginia	252,150	1,143	0.45
Washington	156,368	464	0.30
W. Virginia	43,781	193	0.44
Wisconsin	191,648	615	0.32
Wyoming	18,461	70	0.38
Puerto Rico	110,616	635	0.57

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[1] A portion of the post-secondary work study students are funded by the Higher Education Act, not Part H.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Table 12 - Total Expenditures for Vocational Education from Federal and State/Local Funds, 1972-73

States	Total Expenditures	Total Federal Expenditures	Total State/Local Expenditures
U.S. TOTAL	3,026,027,939	479,725,797	2,546,302,142
Alabama	37,905,610	10,288,550	27,617,060
Alaska	6,256,855	948,096	5,308,759
Arizona	21,772,726	4,792,931	16,979,795
Arkansas	16,960,997	5,212,592	11,748,405
California	276,170,235	37,602,746	238,567,489
Colorado	33,634,197	5,578,225	28,055,972
Connecticut	43,465,826	5,822,344	37,643,482
Delaware	9,812,230	1,461,600	8,350,630
Dist. of C.	NA	NA	NA
Florida	128,935,304	14,748,673	114,186,631
Georgia	48,025,369	12,447,116	35,578,253
Hawaii	8,046,324	2,061,716	5,984,608
Idaho	7,897,530	2,243,115	5,654,415
Illinois	209,710,964	20,579,761	189,131,203
Indiana	34,928,486	11,051,904	23,876,582
Iowa	43,673,732	7,476,727	36,197,005
Kansas	21,341,282	5,261,198	16,080,084
Kentucky	32,738,400	8,872,347	23,866,053
Louisiana	38,347,498	11,195,197	27,152,301
Maine	17,109,374	3,078,641	14,030,733
Maryland	73,090,639	8,652,929	64,437,710
Massachusetts	145,390,052	12,585,935	132,804,117
Michigan	75,463,982	19,917,111	55,546,871
Minnesota	84,786,679	8,572,956	76,213,723
Mississippi	26,662,487	6,161,837	20,500,650
Missouri	48,176,784	11,951,317	36,225,467
Montana	8,764,902	2,137,083	6,627,819
Nebraska	15,000,732	3,926,634	11,074,098
Nevada	4,514,565	1,269,004	3,245,561
New Hampshire	8,628,923	2,362,788	6,266,135
New Jersey	62,272,762	12,470,835	49,801,927
New Mexico	15,311,082	3,020,938	12,290,144
New York	376,328,709	33,610,057	342,718,652
N. Carolina	113,315,533	16,170,875	97,144,658
N. Dakota	6,644,531	2,004,581	4,639,950
Ohio	148,708,188	23,521,379	125,186,809
Oklahoma	29,502,464	6,666,648	22,835,816
Oregon	53,435,495	4,672,843	48,762,652
Pennsylvania	169,146,304	24,144,755	145,001,549
Rhode Island	10,140,958	2,774,583	7,366,375
S. Carolina	24,089,234	8,072,510	16,016,724
S. Dakota	5,969,020	1,955,775	4,013,245
Tennessee	45,867,096	10,904,436	34,962,660
Texas	150,657,652	33,487,600	117,170,052
Utah	21,620,186	3,038,982	18,581,204
Vermont	9,167,899	1,364,740	7,803,159
Virginia	50,802,695	11,505,591	39,297,104
Washington	68,678,333	7,324,609	61,353,724
W. Virginia	17,678,782	5,323,288	12,355,494
Wisconsin	84,686,470	10,205,479	74,480,991
Wyoming	5,189,028	1,155,718	4,033,310
Puerto Rico	29,602,834	8,068,502	21,534,332

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 13 - Total Expenditure per Student for Vocational Education, 1972-73

States	Total Vocational Education Expenditure	Total Vocational Education Enrollment	Total Expenditure Per Student in Vocational Education
U.S. TOTAL	3,026,027,939	12,064,761	250.82
Alabama	37,905,610	186,197	203.58
Alaska	6,256,855	24,927	251.01
Arizona	21,772,726	134,991	161.29
Arkansas	16,960,997	119,232	142.25
California	276,170,235	1,227,782	224.93
Colorado	33,634,197	109,399	307.45
Connecticut	43,465,826	180,233	241.16
Delaware	9,812,230	48,929	200.54
Dist. of C.		16,229	NA
Florida	128,935,304	709,006	181.85
Georgia	48,025,369	344,077	139.58
Hawaii	8,046,324	43,094	186.72
Idaho	7,897,530	36,697	215.21
Illinois	209,710,964	1,090,622	192.29
Indiana	34.928,486	157,352	221.98
Iowa	43,673,732	162,508	268.75
Kansas	21,341,282	98,082	217.59
Kentucky	32,738,400	185,319	176.66
Louisiana	38,347,498	185,038	207.24
Maine	17,109,374	40,331	424.22
Maryland	73,090,639	232,013	315.03
Massachusetts	145,390,052	176,058	825.81
Michigan	75,463,982	351,073	214.95
Minnesota	84,786,679	296,424	286.03
Mississippi	26,662,487	125,970	211.66
Missouri	48,176,784	103,480	465.57
Montana	8,764,902	33,169	264.25
Nebraska	15,000,732	83,978	178.63
Nevada	4,514,565	36,059	125.20
New Hampshire	8,628,923	38,483	224.23
New Jersey	62,272,762	363,506	171.31
New Mexico	15,311,082	65,978	232.06
New York	376,328,709	952,762	394.99
N. Carolina	113,315,533	544,615	208.07
N. Dakota	6,644,531	36,910	180.02
Ohio	148,708,188	586,682	253.47
Oklahoma	29,502,464	112,365	262.56
Oregon	53,435,495	129,811	411.64
Pennsylvania	169.146.304	356,300	474.73
Rhode Island	10,140,958	25,162	403.03
S. Carolina	24,089,234	125,801	191.49
S. Dakota	5,969,020	29,363	203.28
Tennessee	45,867,096	163,064	281.28
Texas	150,657,652	711,036	211.88
Utah	21,620,186	106,013	203.94
Vermont	9,167,899	18,773	488.36
Virginia	50,802,695	371,815	136.63
Washington	68,678,333	262,871	261.26
W. Virginia	17,678,782	63,752	277.31
Wisconsin	84,686,470	301,907	280.51
Wyoming	5,189,028	19,948	260.13
Puerto Rico	29,602,834	139,575	212.09

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

U.S. Office of Education Form 3138, U.S. Department of Health, Education & Welfare, Washington, D.C., FY 1973.

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Table 14 - Total Secondary, Post-Secondary and Adult Vocational Education Expenditure per Student, 1972-73

States	Total Secondary Vocational Education Expenditure per Student	Total Post-Secondary Vocational Education Expenditure per Student	Total Adult Vocational Education Expenditure per Student
U.S. TOTAL	270.13	623.28	56.58
Alabama	213.62	645.34	8.37
Alaska	345.32	844.53	13.87
Arizona	216.18	134.07	53.52
Arkansas	140.49	986.40	14.49
California	253.52	363.96	74.70
Colorado	441.62	483.23	27.87
Connecticut	236.00	1,033.38	51.81
Delaware	135.54	2,844.32	54.77
Dist. of C.	NA	NA	NA
Florida	207.83	322.81	60.98
Georgia	122.09	664.16	28.53
Hawaii	153.09	382.30	44.55
Idaho	147.22	1,099.02	15.23
Illinois	170.13	483.82	164.77
Indiana	261.66	815.39	16.97
Iowa	187.81	1,857.10	31.19
Kansas	291.65	828.23	20.82
Kentucky	190.70	646.51	51.43
Louisiana	202.76	448.18	61.42
Maine	459.39	2,092.07	42.16
Maryland	326.22	675.12	29.32
Massachusetts	962.83	1,062.84	110.48
Michigan	264.74	416.87	19.88
Minnesota	153.14	2,300.34	46.47
Mississippi	241.02	810.83	35.94
Missouri	531.12	908.04	67.37
Montana	203.38	720.69	36.16
Nebraska	152.77	849.43	23.48
Nevada	132.59	170.82	58.16
New Hampshire	197.17	1,064.06	75.12
New Jersey	213.08	340.37	27.05
New Mexico	141.88	1,375.27	101.94
New York	412.20	932.20	146.48
N. Carolina	200.34	1,034.03	24.18
N. Dakota	158.09	468.70	58.61
Ohio	322.08	766.65	71.87
Oklahoma	316.47	619.03	73.84
Oregon	240.30	1,280.42	108.52
Pennsylvania	661.09	711.42	48.99
Rhode Island	420.78	1,325.58	131.68
S. Carolina	211.79	277.77	11.18
S. Dakota	175.82	960.01	32.87
Tennessee	243.86	861.99	93.06
Texas	309.12	565.20	24.04
Utah	155.05	1,024.02	31.02
Vermont	600.48	2,237.20	18.70
Virginia	190.98	197.39	20.92
Washington	339.87	718.66	15.63
W. Virginia	369.84	702.26	31.69
Wisconsin	70.95	978.24	142.08
Wyoming	196.95	743.50	68.59
Puerto Rico	220.98	296.52	155.71

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 15 - Total Federal Expenditures and Percentages for Secondary, Post-Secondary, and Adult Vocational Education, 1972-73

States	Total Federal Expenditures for Vocational Education	Federal Expenditures for Secondary Vocational Education	Percent of Total	Federal Expenditures for Post-Secondary Vocational Education	Percent of Total	Federal Expenditures for Adult Vocational Education	Percent of Total
U.S. TOTAL	479,725,797	303,316,000	63.23	129,730,000	27.04	40,976,000	8.54
Alabama	10,288,550	8,574,000	83.33	1,553,000	15.09	162,000	1.57
Alaska	948,096	801,000	84.49	90,000	9.49	55,000	5.80
Arizona	4,792,931	3,201,000	66.78	1,081,000	22.55	511,000	10.66
Arkansas	5,212,592	2,913,000	55.88	2,041,000	39.15	259,000	4.96
California	37,602,746	23,940,000	63.66	12,811,000	34.06	852,000	2.26
Colorado	5,578,225	2,553,000	45.76	2,706,000	48.51	319,000	5.71
Connecticut	5,822,364	4,469,000	76.76	861,000	14.79	386,000	6.63
Delaware	1,461,600	1,312,000	89.76	151,000	10.33	0	0.00
Dist. of C.	NA	NA	NA	NA	NA	NA	NA
Florida	14,748,673	10,047,000	68.12	4,335,000	29.39	367,000	2.48
Georgia	12,447,116	5,801,000	46.61	5,831,000	46.85	814,000	6.54
Hawaii	2,061,716	823,000	39.92	1,166,000	56.55	73,000	3.54
Idaho	2,243,115	944,000	42.08	1,259,000	56.13	40,000	1.78
Illinois	20,579,761	15,634,000	75.97	3,625,000	17.61	1,320,000	6.41
Indiana	11,051,904	8,812,000	79.73	1,663,000	15.04	577,000	5.22
Iowa	7,476,727	2,241,000	29.97	4,904,000	65.59	332,000	4.44
Kansas	5,261,198	3,259,000	61.94	1,583,000	30.08	419,000	7.96
Kentucky	8,872,347	4,695,000	52.91	3,031,000	34.16	1,146,000	12.91
Louisiana	11,195,197	7,656,000	68.38	2,967,000	26.50	572,000	5.10
Maine	3,078,641	2,225,000	72.27	739,000	24.00	115,000	3.73
Maryland	8,652,929	6,875,000	79.45	1,447,000	16.72	317,000	3.66
Massachusetts	12,585,935	7,611,000	60.47	3,924,000	31.17	1,050,000	8.34
Michigan	19,917,111	14,632,000	73.46	4,726,000	23.73	559,000	2.81
Minnesota	8,572,956	2,381,000	27.77	4,881,000	56.93	1,311,000	15.29
Mississippi	6,161,837	4,274,000	69.36	1,533,000	24.87	354,000	5.74
Missouri	11,951,317	8,727,000	73.02	2,686,000	22.47	537,000	4.49
Montana	2,137,083	971,000	45.43	1,143,000	53.48	23,000	1.07
Nebraska	3,926,634	2,706,000	68.91	1,091,000	27.78	130,000	3.31
Nevada	1,269,004	959,000	75.57	202,000	15.91	106,000	8.35
New Hampshire	2,362,788	1,727,000	73.09	290,000	12.27	346,000	14.64
New Jersey	12,470,835	10,453,000	83.81	1,736,000	13.92	282,000	2.26
New Mexico	3,020,938	1,714,000	56.73	1,224,000	40.51	81,000	2.68
New York	33,610,057[1]	16,118,000	47.95	3,834,000	11.40	8,083,000	24.04
N. Carolina	16,170,875	11,246,000	69.54	4,925,000	30.46	0	0.00
N. Dakota	2,004,581	1,133,000	56.52	687,000	34.27	184,000	9.17
Ohio	23,521,379	12,504,000	53.16	5,624,000	23.91	5,393,000	22.93
Oklahoma	6,666,648	4,135,000	62.02	1,717,000	25.75	814,000	12.21
Oregon	4,672,843[2]	2,348,000	50.24	1,864,000	39.89	461,000	9.86
Pennsylvania	24,144,755	18,107,000	74.99	5,053,000	20.92	985,000	4.07
Rhode Island	2,774,583	2,053,000	73.99	261,000	9.40	462,000	16.65
S. Carolina	8,072,510	7,017,000	86.92	1,004,000	12.43	51,000	0.63
S. Dakota	1,955,775	1,250,000	63.91	609,000	31.13	97,000	4.95
Tennessee	10,904,436	6,036,000	55.35	3,681,000	33.75	1,187,000	10.88
Texas	33,487,600	19,224,000	57.41	9,225,000	27.55	5,040,000	15.05
Utah	3,038,982	1,460,000	48.04	1,405,000	46.23	174,000	5.72
Vermont	1,364,740	1,191,000	87.26	174,000	12.74	0	0.00
Virginia	11,505,591	9,380,000	81.52	1,813,000	15.75	312,000	2.71
Washington	7,324,609	3,390,000	46.28	3,793,000	51.78	141,000	1.92
W. Virginia	5,323,288	4,207,000	79.03	929,000	17.45	187,000	3.51
Wisconsin	10,205,479	4,197,000	41.12	3,344,000	32.76	2,664,000	26.10
Wyoming	1,155,718	751,000	64.98	362,000	31.32	43,000	3.72
Puerto Rico	8,068,502	4,639,000	57.50	2,146,000	26.60	1,283,000	15.90

[1] This total will not equal the sum of the grade level totals because $5,015,805 expended for Ancillary Services and $559,763 of Part C expenditures are not broken out by grade level.

[2] This does not include Fiscal 1973 Impounded Funds received 12-73.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Table 1[illegible] - Federal Vocational Education Expenditure per Student,[a] Secondary, Post-Secondary, and Adult, 1972-73

States	Total Federal Vocational Education Expenditure	Total Vocational Education Enrollment	Federal Vocational Education Expenditure Per Student	Federal Secondary Vocational Education Expenditure	Secondary Vocational Education Enrollment	Federal Secondary Vocational Education Expenditure Per Student	Federal Post-Secondary Vocational Education Expenditure	Post-Secondary Vocational Education Enrollment	Federal Post-Secondary Vocational Education Expenditure Per Student	Federal Adult Vocational Education Expenditure	Adult Vocational Education Enrollment	Federal Adult Vocational Education Expenditure Per Student
U.S. Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98.13	40,978,200	[illegible]	12.17
Alabama	20,288,530	186,197	55.25	6,842,000	112,498	56.31	1,555,000	20,812	75.62	167,000	13,880	3.00
Alaska	965,196	2,417	38.03	901,000	11,636	[illegible]	48,000	1,653	44.47	33,000	4,598	9.74
Arizona	4,391,313	135,903	31.50	3,291,000	63,090	60.76	1,684,000	57,718	29.31	511,000	18,663	27.35
Arkansas	5,214,392	119,[illegible]	44.01	2,913,000	59,541	42.70	2,041,000	6,620	308.30	259,000	42,371	6.01
California	[illegible]	[illegible]	30.61	11,950,000	548,538	48.11	12,811,000	107,327	42.77	837,000	183,019	2.27
Colorado	3,575,321	109,299	30.98	1,571,000	91,960	47.31	2,396,000	16,136	144.20	319,000	11,361	8.55
Connecticut	[illegible],344	190,230	22.30	4,169,000	143,145	30.11	967,000	6,219	127.76	186,000	[illegible],051	15.41
Delaware	1,471,800	16,626	29.81	1,115,000	41,298	40.30	181,000	1,305	115.79	0	4,327	0.00
Dist. of Col.	NA	16,424	NA	NA	12,141	NA	NA	292	NA	NA	2,454	NA
Florida	18,[illegible],677	100,096	21.80	10,097,000	187,959	26.01	4,111,000	110,825	39.11	367,000	112,232	1.72
Georgia	11,065,[illegible]	349,017	36.18	3,881,000	126,989	35.07	[illegible]	26,769	213.83	814,000	90,804	8.96
Hawaii	1,501,435	53,756	27.94	808,000	30,770	40.48	1,166,000	11,640	100.17	33,000	[illegible]	2.50
Idaho	2,341,5[illegible]	36,091	67.45	944,000	24,182	18.40	2,794,000	3,777	133.11	50,000	8,118	6.79
Illinois	20,579,361	2,050,632	18.8[illegible]	13,098,000	962,439	16.15	1,521,000	21,870	46.55	1,370,000	90,313	36.14
Indiana	11,101,306	157,352	29.53	[illegible]	105,260	43.32	2,603,000	7,996	208.13	577,000	41,602	13.23
Iowa	7,431,[illegible]	163,509	40.00	[illegible]	58,840	41.80	4,914,000	16,544	296.42	132,000	92,358	1.39
Kansas	4,061,196	98,052	31.85	3,774,000	47,000	88.46	1,581,000	7,915	199.49	519,000	52,547	9.85
Kentucky	8,432,342	185,319	[illegible].87	4,499,000	113,319	42.10	3,031,000	12,900	234.96	1,146,000	60,909	18.81
Louisiana	11,595,197	193,318	101.08	2,400,000	190,352	58.71	2,961,000	22,12[illegible]	134.10	572,000	[illegible],367	17.36
Maine	3,273,441	50,311	56.37	2,125,000	26,839	80.13	299,000	2,259	322.13	145,000	13,238	9.19
Maryland	8,672,919	212,517	37.30	6,273,000	182,217	37.71	1,447,000	14,170	75.55	317,070	30,626	10.35
Massachusetts	10,[illegible],937	276,958	71.45	1,611,000	141,780	57.36	3,424,000	14,322	273.98	1,050,000	29,986	35.01
Michigan	19,917,113	491,073	37.11	16,612,000	185,938	78.68	4,726,000	57,800	81.70	559,000	107,291	5.21
Minnesota	8,[illegible]	296,474	28.92	2,183,000	151,352	15.71	9,481,000	24,239	391.37	1,311,000	118,613	11.05
Mississippi	6,[illegible],837	115,330	48.92	4,[illegible],000	71,915	54.41	1,811,000	9,526	160.92	194,000	44,511	7.93
Missouri	11,951,357	103,380	115.39	8,121,000	11,116	114.31	1,840,000	3,678	408.31	537,000	21,686	24.76
Montana	2,137,083	33,169	65.51	871,000	21,548	42.41	1,141,000	5,324	214.68	21,000	4,193	5.21
Nebraska	1,424,635	85,476	36.17	2,708,000	48,438	55.84	1,041,000	8,189	133.22	130,000	27,131	4.95
Nevada	1,260,084	30,059	33.19	959,000	26,510	36.81	202,000	4,250	47.52	108,000	5,759	18.40
New Hampshire	1,962,788	38,481	51.39	1,127,000	19,812	37.93	290,000	1,123	136.19	146,000	8,549	52.84
New Jersey	11,107,815	363,105	35.30	19,431,000	246,272	42.54	1,706,000	24,137	47.09	282,000	96,087	2.93
New Mexico	[illegible]	65,928	33.78	1,754,000	33,761	31.88	1,274,000	5,055	237.17	81,000	7,161	11.31
New York	39,610,957	952,262	37.27	16,118,000	664,039	29.23	1,814,000	64,621	39.34	8,087,000	221,482	36.18
N. Carolina	16,129,635	344,617	29.69	11,246,000	257,212	44.07	3,923,000	54,650	90.17	0	219,153	0.00
N. Dakota	2,002,381	35,910	54.30	1,111,000	26,111	56.52	887,000	3,016	136.96	184,000	7,541	24.39
Ohio	23,511,379	586,682	40.09	17,8[illegible]9,000	361,238	39.52	5,825,000	22,537	249.31	5,393,000	200,901	26.84
Oklahoma	6,660,648	112,365	59.33	4,137,000	69,022	59.90	1,717,000	8,121	210.05	814,000	15,169	23.14
Oregon	4,577,841	129,811	35.39	1,548,000	74,271	32.94	1,864,000	25,301	72.92	561,000	42,479	13.97
Pennsylvania	24,144,755	156,300	83.10	28,102,000	217,450	84.87	5,831,000	31,860	158.60	985,000	111,100	8.86
Rhode Island	[illegible],183	25,1[illegible]2	110.76	2,817,000	19,713	104.14	261,000	938	271.89	462,000	4,501	102.59
S. Carolina	9,0[illegible],110	113,201	64.18	7,071,000	104,411	67.80	1,004,000	7,200	139.44	51,000	15,198	3.37
S. Dakota	1,902,735	29,367	66.66	1,250,000	21,214	58.92	609,000	2,126	286.45	97,000	6,021	16.10
Tennessee	10,907,436	193,084	56.81	6,098,000	97,992	62.19	1,683,000	20,693	177.86	1,187,000	45,317	26.74
Texas	31,587,063	713,[illegible]	47.10	19,224,000	359,478	55.61	9,319,000	62,108	147.11	4,040,000	208,810	18.86
Utah	3,946,394	106,213	28.69	1,660,000	69,159	24.11	1,403,000	9,823	143.03	174,000	27,041	6.43
Vermont	1,965,250	18,[illegible]	77.69	1,191,000	16,335	81.08	174,000	215	809.30	0	[illegible]	0.00
Virginia	11,083,531	271,815	30.74	9,180,000	230,143	40.13	1,813,000	22,007	82.38	311,000	119,863	7.90
Washington	7,186,809	202,821	27.86	3,190,000	119,361	28.30	3,291,000	36,607	193.61	141,000	106,101	1.37
W. Virginia	5,[illegible]23,288	61,752	81.49	4,201,000	41,215	102.07	429,000	3,366	362.64	187,000	19,911	9.36
Wisconsin	10,583,678	303,927	33.00	4,147,000	130,361	32.34	1,189,000	61,085	56.73	3,662,000	118,759	25.18
Wyoming	1,413,313	18,958	37.93	711,000	15,806	47.51	362,000	2,655	136.36	43,000	1,481	28.91
Puerto Rico	5,348,05[illegible]	139,[illegible]	37.81	4,619,000	95,161	49.18	2,156,000	18,233	133.02	1,581,000	28,919	54.30

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[a] This does not include fiscal 1973 unexpended funds received in 1974.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education & Welfare, Washington, D.C., FY 1973.

U.S. Office of Education Form 3131, U.S. Department of Health, Education & Welfare, Washington, D.C., FY 1973.

Table 17- Total State/Local Expenditures for Vocational Education by Secondary, Post-Secondary, and Adult Levels, and Percent of Total for Each Level, 1972-73

States	Total State/Local Vocational Education Expenditures	State/Local Secondary Vocational Education Expenditures	Percent of Total	State/Local Post-Secondary Vocational Education Expenditures	Percent of Total	State/Local Adult Vocational Education Expenditures	Percent of Total
U.S. TOTAL	2,546,302,142[1]	1,681,778,000	66.05	711,363,000	27.94	149,321,000	5.86
Alabama	27,617,060	15,458,000	55.97	11,878,000	43.01	281,000	1.02
Alaska	5,308,759	3,925,000	73.93	1,306,000	24.60	78,000	1.47
Arizona	16,979,795	10,438,000	61.47	6,054,000	35.65	489,000	2.88
Arkansas	11,748,405	6,899,000	58.72	4,489,000	38.21	361,000	3.07
California	238,567,489	113,579,000	47.61	97,225,000	40.75	27,763,000	11.64
Colorado	28,055,972	21,277,000	75.84	6,058,000	21.59	721,000	2.57
Connecticut	37,643,482	30,565,000	81.20	6,103,000	16.21	912,000	2.42
Delaware	8,350,630	4,557,000	54.57	3,558,000	42.61	237,000	2.84
Dist. of C.	NA	NA	NA	NA	NA	NA	NA
Florida	114,186,631	70,168,000	61.45	31,441,000	27.53	12,577,000	11.01
Georgia	35,578,253	21,854,000	61.43	11,948,000	33.58	1,777,000	4.99
Hawaii	5,984,608	2,274,000	38.00	3,284,000	54.87	427,000	7.13
Idaho	5,654,415	2,675,000	47.31	2,892,000	51.15	87,000	1.54
Illinois	189,131,203	148,110,000	78.31	34,050,000	18.00	6,970,000	3.69
Indiana	23,876,582	18,862,000	79.00	4,852,000	20.32	163,000	0.68
Iowa	36,197,005	7,828,000	21.63	25,820,000	71.33	2,549,000	7.04
Kansas	16,080,084	10,624,000	66.07	4,989,000	31.03	467,000	2.90
Kentucky	23,866,053	16,570,000	69.43	5,309,000	22.24	1,987,000	8.33
Louisiana	27,152,301	18,775,000	69.15	6,949,000	25.59	1,428,000	5.26
Maine	14,030,733	9,643,000	68.73	3,987,000	28.42	401,000	2.86
Maryland	64,437,710	52,567,000	81.58	11,495,000	17.84	581,000	0.90
Massachusetts	132,804,117	119,242,000	89.79	11,298,000	8.51	2,263,000	1.70
Michigan	55,546,871	34,604,000	62.30	19,369,000	34.87	1,574,000	2.83
Minnesota	76,213,723	21,135,000	27.73	50,877,000	66.76	4,202,000	5.51
Mississippi	20,500,650	13,063,000	63.72	6,191,000	30.20	1,246,000	6.08
Missouri	36,225,467	30,107,000	83.11	5,194,000	14.34	924,000	2.55
Montana	6,627,819	3,798,000	57.30	2,694,000	40.65	136,000	2.05
Nebraska	11,074,098	4,697,000	42.41	5,865,000	52.96	512,000	4.62
Nevada	3,245,561	2,495,000	76.87	524,000	16.15	229,000	7.06
New Hampshire	6,266,135	4,151,000	66.24	1,969,000	31.42	146,000	2.33
New Jersey	49,801,927	42,023,000	84.38	5,462,000	10.97	2,138,000	4.29
New Mexico	12,290,144	5,914,000	48.12	5,728,000	46.61	649,000	5.28
New York	342,718,652	257,860,000	75.24	56,406,000	16.46	24,653,000	7.19
N. Carolina	97,144,658	39,882,000	41.05	51,585,000	53.10	5,677,000	5.84
N. Dakota	4,639,950	2,717,000	58.56	1,664,000	35.86	258,000	5.56
Ohio	125,186,809	104,487,000	83.46	11,654,000	9.31	9,046,000	7.23
Oklahoma	22,835,816	17,709,000	77.55	3,343,000	14.64	1,783,000	7.81
Oregon	48,762,652	14,779,000	30.31	30,865,000	63.30	3,118,000	6.39
Pennsylvania	145,001,549	122,930,000	84.78	17,613,000	12.15	4,458,000	3.07
Rhode Island	7,366,375	6,242,000	84.74	993,000	13.48	131,000	1.78
S. Carolina	16,016,724	14,902,000	93.04	996,000	6.22	118,000	0.74
S. Dakota	4,013,245	2,480,000	61.80	1,432,000	35.68	101,000	2.52
Tennessee	34,962,660	17,861,000	51.09	14,158,000	40.49	2,943,000	8.42
Texas	117,170,052	88,807,000	75.79	26,218,000	22.38	2,146,000	1.83
Utah	18,581,204	9,262,000	49.85	8,654,000	46.57	665,000	3.58
Vermont	7,803,159	7,417,000	95.05	307,000	3.93	79,000	1.01
Virginia	39,297,104	34,574,000	87.98	2,531,000	6.44	2,192,000	5.58
Washington	61,353,724	37,314,000	60.82	22,515,000	36.70	1,524,000	2.48
W. Virginia	12,355,494	11,036,000	89.32	873,000	7.07	446,000	3.61
Wisconsin	74,480,991	5,067,000	6.80	56,412,000	75.74	13,002,000	17.46
Wyoming	4,033,310	2,362,000	58.56	1,612,000	39.97	59,000	1.46
Puerto Rico	21,534,332	16,213,000	75.29	2,674,000	12.42	2,647,000	12.29

[1] The sum of the totals by level will not equal this total because of rounding, and some States did not include a breakout by level of Ancillary Services, Administration, or Research in their totals by level.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Table 18 - Adjusted Expenditures for Vocational Education at State and Local Levels Based on States' Estimates of Percent of Underreporting by Local Schools, 1972-73

States	Percent of Local Expenditures Underreported on Federal Report Forms	Total State/Local Reported Vocational Education Expenditures	Reported Local Vocational Education Expenditures	Adjusted Local Vocational Education Expenditures	Adjusted Total State/Local Vocational Education Expenditures	Adjusted Total Federal State/Local Vocational Education Expenditures
U.S. TOTAL		2,346,302,142	1,201,317,935[2]	1,336,888,271	2,601,872,478	3,161,598,275
Alabama	15 Percent[1]	27,617,060	2,761,706	3,175,962	28,031,316	38,319,866
Alaska	5 Percent	5,308,759	265,438	278,710	5,322,031	6,270,127
Arizona	Accurate	16,979,795	14,608,672	14,608,672	16,979,795	21,772,726
Arkansas	45 Percent	11,748,405	5,000,000	7,250,000	13,998,405	19,210,997
California	10 Percent	238,567,489	78,727,271	86,599,998	246,440,216	284,042,962
Colorado	50 Percent	28,055,972	21,555,972	32,333,958	38,833,958	44,412,183
Connecticut	10 Percent	37,643,482	16,793,541	18,472,895	39,322,836	45,145,180
Delaware	Accurate	8,350,630	1,169,088	1,169,088	8,350,630	9,812,230
Dist. of C.	No Local Expenditures	NA	0	0	NA	NA
Florida	Accurate	114,186,631	49,203,019[3]	49,203,019	114,186,631	128,935,304
Georgia	5 Percent	35,578,253	15,330,669[3]	16,097,202	36,344,786	48,791,902
Hawaii	No Local Expenditures	5,984,608	0	0	5,984,608	8,946,324
Idaho	Accurate	5,654,415	1,654,415	1,654,415	5,654,415	7,897,530
Illinois	Accurate	189,131,203	166,017,521	166,017,521	189,131,203	209,710,964
Indiana	Accurate	23,876,582	21,476,582	21,476,582	23,876,582	34,928,486
Iowa	40 Percent	36,197,005	29,297,005	41,015,807	47,915,807	55,392,534
Kansas	10 Percent	16,080,084	13,832,720	15,216,001	17,463,357	22,724,555
Kentucky	Accurate	23,866,053	4,119,766	4,119,766	23,866,053	32,738,400
Louisiana	15 Percent	27,152,301	26,351,061	30,303,720	31,104,960	42,300,157
Maine	Accurate	14,030,733	6,045,843[3]	6,045,843	14,030,733	17,109,374
Maryland	15 Percent	64,437,710	63,564,887	73,099,620	73,972,443	82,625,372
Massachusetts	Accurate	132,804,117	86,804,117	86,804,117	132,804,117	145,390,052
Michigan	25 Percent	55,546,871	43,435,571	54,294,464	66,405,764	76,322,075
Minnesota	No Local Expenditures	76,213,723	0	0	76,213,723	84,786,679
Mississippi	10 Percent	20,500,650	11,023,504	12,125,854	21,603,000	27,764,837
Missouri	25 Percent	39,225,467	17,386,273	21,732,841	40,572,035	52,523,352
Montana	Accurate	6,627,819	4,392,819	4,392,819	6,627,819	8,764,902
Nebraska	10 Percent	11,074,098	8,513,214	9,364,535	11,925,419	15,852,053
Nevada	Accurate	3,245,561	3,114,561	3,114,561	3,245,561	4,514,565
New Hampshire	15 Percent[1]	6,266,135	4,072,030	4,682,835	6,876,940	9,239,728
New Jersey	15 Percent[1]	49,801,927	39,657,138	45,605,709	55,750,498	68,221,333
New Mexico	20 Percent	12,290,144	10,795,144	12,954,173	14,449,173	17,470,111
New York	No Local Expenditures Reported	342,718,652	0	0	342,718,652	376,328,709
N. Carolina	15 Percent	97,144,658	61,972,270	71,268,111	106,440,499	122,611,374
N. Dakota	20 Percent	4,639,950	2,769,196	3,323,035	5,193,789	7,198,370
Ohio	15 Percent[1]	125,186,809	40,425,843	46,489,719	131,250,685	154,772,064
Oklahoma	15 Percent[1]	22,835,816	17,395,026	20,004,280	25,445,070	32,111,718
Oregon	Accurate	48,762,652	21,011,827[3]	21,011,827	48,762,652	53,435,495
Pennsylvania	Accurate	145,001,549	92,736,960	92,736,960	145,001,549	169,146,304
Rhode Island	20 Percent	7,366,375	3,174,171[3]	3,809,005	8,001,209	10,775,792
S. Carolina	Accurate	16,016,724	7,371,491	7,371,491	16,016,724	24,089,234
S. Dakota	Accurate	4,013,245	1,729,307[3]	1,729,307	4,013,245	5,969,020
Tennessee	40 Percent	34,962,660	14,154,524	19,816,334	40,624,470	51,528,906
Texas	Accurate	117,170,052	38,173,387	38,173,387	117,170,052	150,657,652
Utah	15 Percent[1]	18,581,204	18,307,135	21,053,205	21,327,274	24,366,256
Vermont	15 Percent[1]	7,803,159	3,714,048	4,271,155	8,360,266	9,725,006
Virginia	85 Percent	39,297,104	25,950,639	48,008,682	61,355,147	72,860,738
Washington	20 Percent	61,353,724	26,437,320[3]	31,724,784	66,641,188	75,965,797
W. Virginia	15 Percent	12,355,494	7,656,264	8,804,704	13,503,934	18,827,222
Wisconsin	5 Percent	74,480,991	50,407,791	52,928,181	77,001,381	87,206,860
Wyoming	20 Percent	4,033,310	961,181	1,153,417	4,225,546	5,381,264
Puerto Rico	No Local Expenditures	21,534,332	0	0	21,534,332	29,602,834

[1] Estimated percent of underreporting computed by Project Baseline staff based on figures from other States.

[2] Some figures in this column are approximations made by personnel within the State Division of Vocational Education.

[3] These figures were computed by the Project Baseline staff using the average percent (approximately 44% of State/Local reported expenditure) reported by the States who could supply State and Local Expenditures.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education and Welfare, Washington, D.C., FY 1973.

Estimations and local expenditures collected from the various States.

Table 39 - Completions and Placement in Vocational Education, 1972-73

States	Completions	Left Prior to Normal Completion with Marketable Skills	Status Unknown	Number Known to be not Available for Placement	Number Known to be Available for Placement	Number Known to Be Employed Full-Time in Field Trained or a Related Field	Number of Students Employed in Field Other Than That for Which Trained or a Related Field	Number Known to be Unemployed	Number of Students Employed as a Percent of Total Completions and Early Leavers with Marketable Skills	Number of Students Employed as a Percent of the Number Available for Work
U.S. TOTAL	1,809,754	110,377	305,739	421,159	1,013,483	692,498	248,662	92,323	49.02	91.07
Alabama	25,481	4,290	1,979	6,419	17,063	14,179	1,591	1,293	53.01	92.42
Alaska	4,070	768	508	420	3,122	2,690	216	216	60.31	93.08
Arizona	20,895	905	NA	4,509	16,026	9,551	5,044	1,431	66.95	91.07
Arkansas	12,112	1,454	369	3,314	7,609	5,909	1,119	581	51.81	92.36
California	245,780	NA	66,749	52,608	124,836	81,000	32,541	21,286	46.18	90.96
Colorado	32,148	NA	1,849	9,430	19,869	8,864	7,487	3,518	50.86	82.29
Connecticut	19,924	1,600	1,237	5,988	12,699	9,604	2,439	656	55.95	94.83
Delaware	5,601	352	199	519	4,883	3,789	551	543	72.90	88.88
Dist. of C.	1,541	48	131	286	1,126	1,006	53	69	66.64	93.87
Florida	202,398	19,228	41,055	25,268	135,975	73,599	40,590	21,886	51.50	83.90
Georgia	79,753	NA	4,764	8,397	19,068	14,442	3,415	1,211	22.39	93.65
Hawaii	6,067	156[1]	2,323	2,249	1,465	1,007	299	159	20.99	89.15
Idaho	5,165	93	147	1,862	2,954	2,594	163	197	52.43	93.33
Illinois	116,368	11,962	18,377	19,065	58,926	37,875	17,704	3,347	43.31	94.32
Indiana	23,258	NA	1,670	4,602	16,986	14,090	1,711	1,185	67.94	93.02
Iowa	15,564	325	1,331	3,872	10,560	8,060	2,034	466	63.53	95.59
Kansas	13,990	1,072	1,209	3,338	8,373	7,202	850	271	53.46	96.74
Kentucky	35,227	2,057	2,705	15,101	17,423	12,924	3,067	1,437	42.89	91.78
Louisiana	31,612	NA	3,370	11,421	16,821	12,834	2,791	1,196	49.43	92.89
Maine	8,377	292	2,145	2,043	4,190	2,547	1,313	330	44.53	92.12
Maryland	22,741	1,262	1,171	9,696	11,874	8,397	2,954	523	47.29	95.60
Massachusetts	35,144	1,624	2,825	8,964	23,355	15,200	5,699	2,456	56.84	89.48
Michigan	71,038	13,712	34,241	13,507	23,290	15,531	6,027	1,732	25.44	92.56
Minnesota	45,838	3,715	4,610	7,844	35,381	29,829	3,882	1,670	68.03	95.28
Mississippi	13,777	NA[2]	2,295	3,311	8,171	5,452	2,062	657	54.54	91.96
Missouri	12,767	891	787	1,811	10,169	5,362	4,276	531	70.57	94.78
Montana	9,872	132	353	2,835	6,684	5,620	977	87	65.94	98.70
Nebraska	13,656	139	884	4,142	8,640	6,717	1,621	300	57.90	96.53
Nevada	13,341	817	4,198	2,244	4,899	2,005	2,070	824	28.78	83.18
New Hampshire	3,302	697	611	653	2,048	1,578	339	131	47.94	93.60
New Jersey	49,651	1,603	6,097	8,832	34,722	25,686	7,362	1,674	64.48	95.18
New Mexico	13,150	2,136	1,374	4,251	7,525	5,550	1,251	724	44.49	90.38
New York										
N. Carolina	88,831	10,094	25,131	21,537	43,143	31,765	8,501	1,877	40.70	95.55
N. Dakota	5,572	215	213	2,012	3,347	2,593	429	325	52.22	90.29
Ohio	43,446	4,276	2,830	8,824	31,792	22,369	7,772	1,651	63.16	94.81
Oklahoma	25,990	868	2,192	6,195	17,603	14,088	3,118	397	64.06	97.74
Oregon	18,299	1,182	979	8,259	9,061	6,378	1,762	921	41.36	89.84
Pennsylvania	71,299	NA	1,987	17,400	51,912	21,400	22,703	7,809	61.86	84.96
Rhode Island	3,209	292	186	485	2,538	2,163	294	81	70.18	96.81
S. Carolina	15,814	629	1,258	4,781	9,785	6,400	2,715	670	55.43	93.15
S. Dakota	5,126	297	319	1,899	2,908	2,194	553	161	50.65	94.46
Tennessee	50,289	10,621[3]	10,833	6,263	23,193	16,429	4,891	1,873	41.88	91.92
Texas	103,772	NA	9,318	22,657	71,796	57,218	11,791	2,787	66.50	96.12
Utah	23,764	254	2,498	6,495	14,771	12,507	1,852	412	59.78	97.21
Vermont	3,455	119	190	854	2,411	1,287	904	220	61.30	90.88
Virginia	38,306	1,798	2,808	13,135	20,163	11,037	6,095	3,031	42.72	84.97
Washington	43,217	4,031	6,993	16,781	19,443	13,150	4,301	1,992	36.93	89.75
W. Virginia	8,519	352	263	2,419	5,837	3,707	1,577	553	59.56	90.53
Wisconsin	27,749	NA	4,093	5,539	18,317	12,900	4,287	930	61.94	94.87
Wyoming	5,198	342	449	1,762	2,987	2,502	379	196	52.00	96.45
Puerto Rico	28,141	1,052	18,228	2,921	6,994	1,711	1,338	3,945	9.77	43.59

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[1] Represents secondary only.

[2] This figure is available but is included in the 13,777 completions shown. The number who left prior to normal completion with marketable skills was 2,137.

[3] The data for this column is included in the data in the completion column.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 20 - Percent of Projected Agriculture Demand Filled by Vocational Education Agriculture Placements, 1972-73

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States	Projected Labor Demand for Agriculture	Vocational Education Agriculture Students Placed	Percent of Projected Agriculture Demand Being met by Agriculture Placements
U.S. TOTAL	347,460	72,467	20.86
Alabama	2,833	2,890	102.01
Alaska	550	18	3.27
Arizona	1,125	708	62.93
Arkansas	2,120	1,735	81.84
California	2,914	4,884	167.60
Colorado	NA	380	NA
Connecticut	-100	193	--
Delaware	475	111	23.37
Dist. of C.	140	1	0.71
Florida	22,100	6,239	28.23
Georgia	7,156	2,072	28.95
Hawaii	NA	49	NA
Idaho	4,300	523	12.16
Illinois	123,942	3,681	2.97
Indiana	24,000	2,529	10.54
Iowa	9,320	2,186	23.45
Kansas	4,144	1,261	30.43
Kentucky	8,902	2,096	23.55
Louisiana	5,117	1,987	38.83
Maine	204	160	78.43
Maryland	580	354	61.03
Massachusetts	1,809	269	14.87
Michigan	NA	635	NA
Minnesota	6,245	2,651	42.45
Mississippi	6,648	1,085	16.32
Missouri	12,400	629	5.07
Montana	1,614	635	39.34
Nebraska	14,509	1,527	10.52
Nevada	797	154	19.32
New Hampshire	2,433	174	7.15
New Jersey	2,142	150	7.00
New Mexico	880	359	40.80
New York	-219		
N. Carolina	-526	2,947	--
N. Dakota	NA	424	NA
Ohio	54,400	3,651	6.71
Oklahoma	2,082	1,289	61.91
Oregon	3,197	562	17.58
Pennsylvania	5,076	1,829	36.03
Rhode Island	1,754	294	16.76
S. Carolina	NA	1,410	NA
S. Dakota	2,841	389	13.69
Tennessee	4,593	3,230	70.32
Texas	1,810	6,075	335.64
Utah	400	470	117.50
Vermont	90	248	275.56
Virginia	2,800	1,049	37.46
Washington	1,830	1,669	91.20
W. Virginia	560	417	74.46
Wisconsin	6,000	3,676	61.27
Wyoming	473	423	89.43
Puerto Rico	-9,000	90	--

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

State Plans for Vocational Education from the various States.

Table 21 - Percent of Projected Distributive Demand Filled by Vocational Education Distributive Education Placements, 1972-73

States	Projected Labor Demand for Distribution	Vocational Education D.E. Students Placed	Percent of Projected Distributive Demand being met by Distributive Placements
U.S. TOTAL	1,014,819	116,308	11.46
Alabama	5,804	1,315	22.66
Alaska	3,643	67	1.84
Arizona	7,568	1,939	25.62
Arkansas	4,612	711	15.42
California	42,210	10,179	24.12
Colorado	NA	1,845	NA
Connecticut	8,100	793	9.79
Delaware	434	303	69.82
Dist. of C.	7,040	174	2.47
Florida	41,400	22,464	54.26
Georgia	21,258	1,281	6.03
Hawaii	2,670	129	4.83
Idaho	4,600	271	5.89
Illinois	361,424	4,351	1.20
Indiana	81,500	1,338	1.64
Iowa	5,343	1,137	21.28
Kansas	3,070	932	30.36
Kentucky	7,830	1,778	22.71
Louisiana	16,815	1,996	11.87
Maine	1,011	383	37.88
Maryland	9,025	635	7.04
Massachusetts	24,478	1,358	5.55
Michigan	NA	3,168	NA
Minnesota	12,384	5,148	41.57
Mississippi	7,316	725	9.91
Missouri	17,604	1,544	8.77
Montana	838	340	40.57
Nebraska	28,308	1,774	6.27
Nevada	2,507	61	2.43
New Hampshire	3,064	193	6.30
New Jersey	16,113	2,902	18.01
New Mexico	3,366	903	26.83
New York	63,488		
N. Carolina	12,696	4,295	33.83
N. Dakota	NA	185	NA
Ohio	48,319	4,317	8.93
Oklahoma	5,656	1,782	31.51
Oregon	5,630	690	12.26
Pennsylvania	15,847	2,612	16.48
Rhode Island	2,870	235	8.19
S. Carolina	4,300	904	21.02
S. Dakota	2,786	625	22.43
Tennessee	10,296	2,617	25.42
Texas	31,900	11,278	35.35
Utah	3,620	6,033	166.66
Vermont	770	108	14.03
Virginia	19,700	4,247	21.56
Washington	4,510	2,119	46.98
W. Virginia	2,310	387	16.75
Wisconsin	22,000	1,119	5.09
Wyoming	786	329	41.86
Puerto Rico	6,000	289	4.82

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

State Plans for Vocational Education from the various States.

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Table 22 - Percent of Projected Health Demand Filled by Vocational Education Health Placements, 1972-73

States	Projected Labor Demand for Health	Vocational Education Health Students Placed	Percent of Projected Health Demand met by Health Placements
U.S. TOTAL	357,550	77,723	21.74
Alabama	2,507	998	39.81
Alaska	625	82	13.12
Arizona	28,295	1,220	4.31
Arkansas	1,568	1,187	75.70
California	20,670	12,392	59.95
Colorado	NA	1,150	NA
Connecticut	4,200	1,330	31.67
Delaware	200	69	34.50
Dist. of C.	2,440	212	8.69
Florida	11,500	7,069	61.47
Georgia	9,889	823	8.32
Hawaii	1,060	67	6.32
Idaho	1,000	239	23.90
Illinois	106,640	3,631	3.40
Indiana	7,500	1,862	24.83
Iowa	2,953	1,329	45.01
Kansas	3,294	778	23.62
Kentucky	5,700	1,222	21.44
Louisiana	8,346	1,715	20.55
Maine	603	288	47.76
Maryland	1,876	747	39.82
Massachusetts	3,489	1,859	53.28
Michigan	3,400	2,630	77.35
Minnesota	4,878	2,000	41.00
Mississippi	2,428	791	32.58
Missouri	7,174	929	12.95
Montana	844	434	51.42
Nebraska	4,607	640	13.89
Nevada	520	212	40.77
New Hampshire	1,683	198	11.76
New Jersey	4,485	3,654	81.47
New Mexico	1,218	710	58.29
New York	20,093		
N. Carolina	3,734	4,217	112.94
N. Dakota	NA	418	NA
Ohio	13,711	1,204	8.78
Oklahoma	4,188	1,857	44.34
Oregon	2,220	1,139	51.31
Pennsylvania	18,221	2,024	11.11
Rhode Island	1,325	457	34.49
S. Carolina	2,510	412	16.41
S. Dakota	844	344	40.76
Tennessee	3,045	1,057	34.71
Texas	11,090	6,728	60.67
Utah	1,320	558	42.27
Vermont	250	225	90.00
Virginia	4,000	586	14.65
Washington	2,270	1,821	80.22
W. Virginia	730	357	48.90
Wisconsin	10,000	1,626	16.26
Wyoming	49	92	187.76
Puerto Rico	2,358	134	5.68

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

State Plans for Vocational Education from the various States.

Table 23 - Percent of Projected Occupational Home Economics Demand Filled by Vocational Education Occupational Home Economics Placements, 1972-73

States	Projected Labor Demand for Occupational Home Economics	Vocational Education Occupational Home Economics Students Placed	Percent of Projected Occupational Home Economics Demand met by Occupational Home Economics Placements
U.S. TOTAL	185,384	39,337	21.22
Alabama	886	307	34.65
Alaska	1,880	144	7.66
Arizona	1,437	643	44.75
Arkansas	2,977	114	3.83
California	9,327	4,198	45.01
Colorado	NA	872	NA
Connecticut	1,800	271	15.06
Delaware	2,108	474	22.49
Dist. of C.	12,852	59	0.46
Florida	15,100	10,317	68.32
Georgia	2,399	609	25.39
Hawaii	NA	41	NA
Idaho	1,800	76	4.22
Illinois	NA	3,374	NA
Indiana	13,000	248	1.91
Iowa	1,685	195	11.57
Kansas	3,011	160	5.31
Kentucky	3,428	307	8.96
Louisiana	3,811	374	9.81
Maine	159	145	91.19
Maryland	4,885	224	4.59
Massachusetts	10,683	676	6.33
Michigan	NA	513	NA
Minnesota	3,781	1,870	49.46
Mississippi	1,912	503	26.31
Missouri	4,580	191	4.17
Montana	1,162	63	5.42
Nebraska	1,937	141	7.28
Nevada	2,297	75	3.27
New Hampshire	1,010	75	7.43
New Jersey	7,619	859	11.27
New Mexico	16,952	291	1.72
New York	NA		
N. Carolina	6,511	2,169	33.31
N. Dakota	NA	61	NA
Ohio	3,203	1,342	41.90
Oklahoma	2,185	357	16.34
Oregon	517	306	59.19
Pennsylvania	9,379	1,024	10.92
Rhode Island	375	0	0.00
S. Carolina	1,210	313	25.87
S. Dakota	2,741	53	1.93
Tennessee	377	312	82.76
Texas	5,940	2,412	40.61
Utah	380	764	201.05
Vermont	250	92	36.80
Virginia	6,200	425	6.85
Washington	3,630	505	13.91
W. Virginia	380	125	32.89
Wisconsin	6,000	411	6.85
Wyoming	128	46	35.94
Puerto Rico	1,500	211	14.07

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

State Plans for Vocational Education from the various States.

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Table 24 - Percent of Projected Office Demand Filled by Vocational Education Office Placements, 1972-73

States	Projected Demand for Office	Vocational Education Office Students Placed	Percent of Projected Office Demand met by Office Placement
U.S. TOTAL	1,627,746	285,891	17.56
Alabama	8,551	3,181	37.20
Alaska	4,504	1,606	35.66
Arizona	7,965	4,002	50.24
Arkansas	4,389	1,601	36.48
California	39,454	42,049	106.58
Colorado	NA	5,105	NA
Connecticut	21,100	5,883	27.88
Delaware	2,500	1,697	67.88
Dist. of C.	16,910	321	1.90
Florida	42,300	26,295	62.16
Georgia	241,764	7,106	2.94
Hawaii	5,660	549	9.70
Idaho	5,000	612	12.24
Illinois	387,159	20,592	5.32
Indiana	162,500	3,992	2.46
Iowa	9,915	1,659	16.73
Kansas	11,616	2,306	19.85
Kentucky	7,876	5,286	67.12
Louisiana	23,972	6,676	27.85
Maine	3,714	1,494	40.23
Maryland	22,603	5,918	26.18
Massachusetts	26,079	9,989	38.30
Michigan	42,000	6,828	16.26
Minnesota	23,821	8,924	37.46
Mississippi	8,295	876	10.56
Missouri	16,849	3,085	18.31
Montana	2,532	1,782	70.38
Nebraska	17,828	1,639	9.19
Nevada	4,982	1,383	27.76
New Hampshire	4,963	670	13.50
New Jersey	45,572	15,619	34.27
New Mexico	7,660	1,780	23.24
New York	87,865		
N. Carolina	28,347	5,912	20.86
N. Dakota	NA	947	NA
Ohio	77,276	8,274	10.71
Oklahoma	11,497	2,493	21.68
Oregon	6,361	2,214	34.81
Pennsylvania	41,359	19,212	46.45
Rhode Island	2,700	540	20.00
S. Carolina	7,510	1,448	19.28
S. Dakota	2,979	348	11.68
Tennessee	15,253	4,796	31.44
Texas	32,630	16,933	51.89
Utah	5,730	1,875	32.72
Vermont	650	594	91.38
Virginia	21,200	4,575	21.58
Washington	15,570	6,160	39.56
W. Virginia	6,830	1,721	25.20
Wisconsin	26,000	5,082	19.55
Wyoming	956	1,320	138.08
Puerto Rico	7,000	942	13.46

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

State Plans for Vocational Education from the various States.

Table 25 - Percent of Projected Technical Demand Filled by Vocational Education Technical Placements, 1972-73

States	Projected Demand for Technical	Vocational Education Technical Students Placed	Percent of Projected Technical Demand met by Technical Placements
U.S. TOTAL	154,495	41,156	26.64
Alabama	1,176	103	8.76
Alaska	435	71	16.32
Arizona	3,159	879	27.83
Arkansas	NA[1]	89	NA
California	7,145	5,969	83.54
Colorado	NA	748	NA
Connecticut	1,000	497	49.70
Delaware	1,450	50	3.45
Dist. of C.	1,003	8	0.80
Florida	13,700	6,232	45.49
Georgia	3,076	674	21.91
Hawaii	310	24	7.74
Idaho	2,800	120	4.29
Illinois	7,471	1,171	15.67
Indiana	44,500	376	0.84
Iowa	527	299	56.74
Kansas	261	78	29.89
Kentucky	1,654	227	13.72
Louisiana	4,294	235	5.47
Maine	91	113	124.18
Maryland	826	477	57.75
Massachusetts	885	469	52.99
Michigan	1,600	1,616	101.00
Minnesota	4,067	1,882	46.27
Mississippi	1,288	250	19.41
Missouri	2,963	393	13.26
Montana	469	412	87.85
Nebraska	61	109	178.69
Nevada	369	359	97.29
New Hampshire	125	42	33.60
New Jersey	5,633	3,699	65.67
New Mexico	3,050	567	18.59
New York	8,093		
N. Carolina	568	1,610	283.45
N. Dakota	NA	248	NA
Ohio	1,817	238	13.10
Oklahoma	2,235	159	7.11
Oregon	147	614	417.69
Pennsylvania	5,980	3,165	52.93
Rhode Island	1,770	237	13.39
S. Carolina	240[2]	0	0.00
S. Dakota	120	120	100.00
Tennessee	1,309	563	43.01
Texas	4,790	3,071	64.11
Utah	130	305	234.62
Vermont	NA	0	NA
Virginia	1,700	686	40.35
Washington	610	858	140.66
W. Virginia	320	151	47.19
Wisconsin	7,000	663	9.47
Wyoming	278	143	51.44
Puerto Rico	2,000	87	4.35

[1] Technical demand data included in T & I demand data.
[2] Partial data only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

State Plans for Vocational Education from the various States.

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Table 26 - Percent of Projected Trade & Industry Demand Filled by Vocational Education Trade & Industry Placements, 1972-73

States	Projected Demand for Trade & Industry	Vocational Education Trade & Industry Placements	Percent of Projected Trade & Industry Demand Filled by Trade & Industry Placement
U.S. TOTAL	1,721,164	308,062	17.90
Alabama	9,879	6,976	70.61
Alaska	9,397	918	9.77
Arizona	20,067	5,204	25.93
Arkansas	11,294	1,591	14.09
California	84,468	33,879	40.11
Colorado	NA	6,251	NA
Connecticut	8,900	3,076	34.56
Delaware	1,200	1,636	136.33
Dist. of C.	11,396	282	2.47
Florida	52,500	35,473	67.57
Georgia	70,992	5,292	7.45
Hawaii	4,095	447	10.92
Idaho	4,000	916	22.90
Illinois	404,483	18,779	4.64
Indiana	140,000	5,456	3.90
Iowa	20,395	3,289	16.13
Kansas	4,031	2,537	62.94
Kentucky	17,971	5,075	28.24
Louisiana	30,219	2,642	8.74
Maine	6,617	1,277	19.30
Maryland	10,724	2,996	27.94
Massachusetts	11,465	6,226	54.30
Michigan	46,000	6,168	13.41
Minnesota	18,545	11,236	60.59
Mississippi	21,205	3,284	15.49
Missouri	25,560	2,867	11.22
Montana	1,342	2,931	218.41
Nebraska	38,510	2,510	6.52
Nevada	4,221	1,668	39.52
New Hampshire	1,640	565	34.45
New Jersey	51,492	6,165	11.97
New Mexico	3,185	2,191	68.79
New York	94,779		
N. Carolina	44,709	19,116	42.76
N. Dakota	NA	739	NA
Ohio	131,917	11,115	8.43
Oklahoma	17,802	9,269	52.07
Oregon	12,829	2,615	20.38
Pennsylvania	93,695	14,237	15.20
Rhode Island	2,910	694	23.85
S. Carolina	11,360	4,628	40.74
S. Dakota	7,305	868	11.88
Tennessee	27,195	8,745	32.16
Texas	50,340	22,512	44.72
Utah	6,150	4,354	70.80
Vermont	1,310	924	70.53
Virginia	20,300	5,564	27.41
Washington	18,740	4,319	23.05
W. Virginia	6,890	2,126	30.86
Wisconsin	20,000	4,610	23.05
Wyoming	2,140	528	24.67
Puerto Rico	5,000	1,296	25.92

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

State Plans for Vocational Education from the various States.

SECTION II

New and Partial Tables
1972 - 1973

SECTION II

New and Partial Tables
1972 - 73

Section II includes new tables not previously shown in Volumes I and II of the Baseline reports and tables based on partial data not available in all States. Tables 27-45 are included in this section.

Table 27 shows the contact hours spent by students in Vocational Education in forty States and Puerto Rico. The extreme variance between States, within States, between grade levels and even within programs prohibits comparison or a presentation of a National average. The effect of this variance on the consistency and validity of the data reported by the States to USOE and to Baseline is obvious.

Table 36 clearly indicates the scarcity of statistical data on career education. Only twenty-two States could provide data on either enrollments or expenditures. And only four States and Puerto Rico could provide both enrollment and expenditures.

Table 37 provides additional information on the collection of followup data from thirty-one States and the District of Columbia. Again the inconsistency of method and control is apparent. Only twelve States could provide any data on the percent of returns on which their followup is based. Nine of the twenty-one States that reported their method of collection depended entirely on the teachers knowledge of what their former students were doing one year after completion.

Six of the eighteen tables in this section (Tables 39-43) show expenditures not included in the first two Baseline reports. These include instructional, ancillary, and guidance and counseling costs. It should be noted that Table 42 includes only the guidance and counseling costs that could be broken out by level and the total of this table does not agree with the total of Table 43, which includes all costs for guidance and counseling.

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Table 27 - Average Student Time Spent in Vocational Education at the Secondary, Post-Secondary and Adult Levels in Forty States and Puerto Rico, 1972-73

States	Average Time at the Secondary Level	Average Time at the Post-Secondary Level	Average Time at the Adult Level
Alabama	180-720 hours per program	180-2,640 hours per program	20-144 hours per program
Alaska	1-3 hours per day	40% of time	10% of time
Arizona	Varies with program	Varies with program	Varies with program
Arkansas	1/6 to 1/3 of school day	100% of time at AVT	Supplemental--10 hours per class
California			
Colorado	33% of time	75% of time	Not Available
Connecticut	Not Available	Not Available	Not Available
Delaware			
Dist. of Col.			
Florida	24% of 5-period day	36% of course load	60 clock hours per year
Georgia	30% of school day		
Hawaii			
Idaho	29% of day	Not Available	45 hours per program
Illinois			
Indiana	50% of time in area schools	2/3 of time	Approximately 30 clock hours per program
Iowa	Approximately 9 1/2 hours per week	30 hours per week	Preparatory--120-160 hours Supplemental--8-30 hours
Kansas			
Kentucky	Approximately 2 1/2 hours per day	Approximately 25 hours per week	86 hours per program
Louisiana	33 1/3% of day	100% of time	36 clock hours per program
Maine	43% of day	75% of time	40 clock hours per year
Maryland	50% of day	Varies with program	Varies with program
Massachusetts	35% of time	60% of school time	6 hours per week
Michigan			
Minnesota	110-180 minutes per day	6 hours per day	36 hours per program

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Table 27 -- Cont.

States	Average Time at the Secondary Level	Average Time at the Post-Secondary Level	Average Time at the Adult Level
Mississippi	31.8% of day	69.7% of course load	Varies with program
Missouri			
Montana	1 1/2 class periods per 6-period day		30 clock hours per year
Nebraska	30% of 6-period day	79.2% of course load	36 clock hours per year
Nevada	24% of day	58.5 hours per year	49.5 hours
New Hampshire	2 periods of 6-or 7-period day	60% of course load	36 clock hours per class
New Jersey	2-4 hours per day	Varies with school and program	1600-3000 hours for apprentice
New Mexico	40% of time	100% of time	20-1200 clock hrs. per year
New York	Not Collected	Not Collected	Not Collected
North Carolina	1-3 hours per day	23 hours per week	5 hours per week
North Dakota	26% of 6-hour day	78.3% of course load	52 clock hours per year
Ohio	18 clock hours per week	65% of course load	12-900 hours per program
Oklahoma	50% of 6-period day		24-1040 hours per program
Oregon	33% of time		45 clock hours
Pennsylvania	540 hours per year	Not Available	Preparatory-20-1080 hours per year
Rhode Island	2 hours per day	15.5 hours per week	4 hours per week
South Carolina	3 hours per day	Not Available	Not Available
South Dakota	3 hours per day	30 hours per week	40 hours per program
Tennessee	50% of day	67% of day	10-350 hours per program
Texas	2.8 hours per day	55.8% of course load	46 hours per year
Utah	39% of school day	60% of school day	Preparatory-69% of school day Supplemental-3-9 hours per week
Vermont	Approximately 2 hours per day	40 hours per week	30 clock hours per semester
Virginia	40% of time		

Table 27 -- Cont.

States	Average Time at the Secondary Level	Average Time at the Post-Secondary Level	Average Time at the Adult Level
Washington			
West Virginia	31.73% of 6-period day	92.27% of 6-period day	6 hours per week
Wisconsin	1/3 of class time	Approximately 37 hours per week	
Wyoming	30% of time	60% of time	40 hours per program
Puerto Rico	35% of time	50% of time	

Source: Data collected from the various States.

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Table 28 - Secondary Vocational Education Enrollment as a Percent of Total Secondary Enrollment in Forty-One States, the District of Columbia and Puerto Rico, and Post-Secondary Vocational Education Enrollment as a Percent of Total Post-Secondary Enrollment in Twenty-Two States, the District of Columbia and Puerto Rico, 1972-73

States	Total Secondary Public School Enrollment Grades 9-12	Secondary Vocational Education Enrollment Grades 9-12	Percent of Total Secondary Enrollment	Total Post-Secondary Enrollment	Post-Secondary Vocational Education Enrollment	Percent of Total Post-Secondary Enrollment
TOTAL	11,376,513	4,841,532	42.6	2,008,709	464,985	23.1
Alabama	245,081	102,855	42.0	82,265	20,812	25.3
Alaska						
Arizona	150,304	63,090*	42.0			
Arkansas	138,463	69,841*	50.4			
California						
Colorado						
Connecticut	197,383	93,425	47.3	26,889	6,739	25.1
Delaware						
Dist. of C.	32,235	12,383*	38.4	13,828	892	6.5
Florida						
Georgia	321,594	226,504*	70.4			
Hawaii						
Idaho	60,114	24,582	40.9	15,789	3,777	23.9
Illinois	703,983	491,047	69.8			
Indiana	367,707	105,760*	28.8			
Iowa	193,935	53,610*	27.6			
Kansas	152,958	39,536	25.8	26,930	7,935	29.5
Kentucky	219,056	111,510*	50.9			
Louisiana	275,964	130,352	47.2			
Maine	77,604	25,834*	33.3	27,524	2,259	8.2
Maryland	412,923	113,585	27.5	52,264	19,170	36.7
Massachusetts						
Michigan	651,556	185,978*	28.5	151,073	57,800	38.3
Minnesota						
Mississippi	148,435	64,193*	43.2	63,458	9,526	15.0
Missouri	316,341	70,411	22.3	73,327	8,678	11.8
Montana	48,873	23,448*	48.0	6,973	5,324	76.4
Nebraska	112,124	43,757	39.0	9,890	8,189	82.8
Nevada	37,036	26,050*	70.3	8,713	4,250	48.8
New Hampshire	51,282	29,811*	58.1			
New Jersey	657,355	246,272*	37.5			
New Mexico	134,846	50,443	37.4	42,925	5,055	11.8
New York	1,088,537	506,636	46.5	222,051	64,621	29.1
N. Carolina	357,075	188,857	52.9	358,014	54,650	15.3
N. Dakota	47,216	24,353	51.6	247,124	5,016	2.0
Ohio	700,383	242,267	34.6			
Oklahoma	190,540	63,983	33.6			
Oregon						
Pennsylvania	741,257	213,340*	28.8	57,101	31,860	55.8
Rhode Island	62,192	19,713*	31.7			
S. Carolina	185,072	103,493*	55.9			
S. Dakota	55,357	21,214*	38.3			
Tennessee	265,090	97,992	37.0			
Texas	783,081	323,267	41.3			
Utah	95,308	69,149*	72.6	43,301	9,823	22.7
Vermont	33,428	14,335	42.9			
Virginia	202,208	149,593	74.0	194,619	22,007	11.3
Washington	247,590	119,761*	48.4	165,708	36,607	22.1
W. Virgini	105,484	41,142	39.0			
Wisconsin	326,326	130,563*	40.0	80,661	61,065	75.7
Wyoming	27,494	13,236	48.1	13,780	2,655	19.3
Puerto Rico	155,723	94,361*	60.6	24,482	16,255	66.4

*This figure includes some students in below grade nine.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Data collected from various States.

Table 29 Disadvantaged Enrollment by Level, 1972-73

States	Total Disadvantaged Enrollment	Secondary Disadvantaged Enrollment	Percent of Total	Post Secondary Disadvantaged Enrollment	Percent of Total	Adult Disadvantaged Enrollment	Percent of Total
U.S. TOTAL	1,581,025	1,103,568	69.80	184,617	11.68	292,840	18.52
Alabama	21,206	17,253	81.36	2,156	10.17	1,797	8.47
Alaska	11,300	9,040	80.00	1,695	15.00	565	5.00
Arizona	13,896	9,730	70.02	1,555	11.19	2,611	18.79
Arkansas	23,936	18,536	77.44	1,858	7.76	3,542	14.80
California	144,656	69,296	47.90	32,414	22.41	42,946	29.69
Colorado	2,277	1,374	60.34	516	22.66	387	17.00
Connecticut	76,361	74,242	97.23	383	0.50	1,736	2.27
Delaware	12,417	10,556	85.01	528	4.25	1,333	10.74
Dist. of C.	7,112	5,334	75.00	89	1.25	1,689	23.75
Florida	70,883	55,588	78.42	3,363	4.74	11,932	16.83
Georgia	63,927	44,418	69.48	6,377	9.98	13,132	20.54
Hawaii	7,798	4,726	60.61	2,133	27.35	939	12.04
Idaho	1,491	581	38.97	739	49.56	171	11.47
Illinois	121,730	106,040	87.11	14,782	12.14	908	0.75
Indiana	4,578	3,840	83.88	493	10.77	245	5.35
Iowa	40,041	12,800	31.97	27,241	68.03	0[1]	0
Kansas	9,891	6,970	70.47	1,261	12.75	1,660	16.78
Kentucky	27,818	21,595	77.63	3,764	13.53	2,459	8.84
Louisiana	75,379	61,320	81.35	9,127	12.11	4,932	6.54
Maine	2,673	1,772	66.29	365	13.66	536	20.05
Maryland	11,965	11,484	95.98	101	0.84	380	3.18
Massachusetts	8,122	6,609	81.37	790	9.73	723	8.90
Michigan	7,969	6,005	75.35	1,948	24.45	16	0.20
Minnesota	7,813	3,516	45.00	3,047	39.00	1,250	16.00
Mississippi	7,884	4,805	60.95	1,576	19.99	1,503	19.06
Missouri	12,210	10,998	90.07	840	6.88	372	3.05
Montana	1,781	1,320	74.12	319	17.91	142	7.97
Nebraska	8,500	8,097	95.26	283	3.33	120	1.41
Nevada	2,805	2,707	96.51	98	3.49	0	0
New Hampshire	2,036	2,025	99.46	6	0.30	5	0.25
New Jersey	18,841	17,836	94.67	63	0.33	942	5.00
New Mexico	12,173	9,010	74.02	1,516	12.45	1,647	13.53
New York	242,203	178,118	73.54	5,317	2.20	58,768	24.26
N. Carolina	29,991	15,576	51.94	8,881	29.61	5,534	18.45
N. Dakota	9,545	7,180	75.22	875	9.17	1,490	15.61
Ohio	83,425	61,883	74.18	1,430	1.71	20,112	24.11
Oklahoma	18,827	8,855	47.03	1,796	9.54	8,176	43.43
Oregon	16,413	2,982	18.17	9,326	56.82	4,105	25.01
Pennsylvania	36,104	34,899	96.66	792	2.19	413	1.14
Rhode Island	3,880	3,673	94.67	60	1.55	147	3.79
S. Carolina	5,765	5,765	100.00	0	0	0	0
S. Dakota	1,725	1,053	61.04	672	38.96	0	0
Tennessee	29,568	21,116	71.42	4,366	14.77	4,086	13.82
Texas	114,846	55,327	18.18	2,956	2.57	56,563	49.25
Utah	14,627	9,092	62.16	1,465	10.02	4,070	27.83
Vermont	883	700	79.28	0	0	183	20.73
Virginia	29.511	25,947	84.84	2,706	9.17	1,758	5.96
Washington	18,370	9,740	53.02	5,252	28.59	3,378	18.39
W. Virginia	2,050	2,050	100.00	0	0	NA	NA
Wisconsin	18,497	8,352	45.15	5,528	29.89	4,617	24.96
Wyoming	2,381	1,622	68.12	731	30.70	28	1.18
Puerto Rico	60,945	31,115	51.05	11,038	18.11	18,792	30.83

[1] Included in Post-Secondary

Source: U.S. Office of Education, Form 3138, U. S. Department of Health, Education & Welfare, Washington D.C. FY 1973.

Table 30 - Handicapped Enrollment by Level, 1972-73

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States	Total Handicapped Enrollment	Secondary Handicapped Enrollment	Percent of Total	Post-Secondary Handicapped Enrollment	Percent of Total	Adult Handicapped Enrollment	Percent of Total
U.S. TOTAL	222,713	157,365	70.66	30,114	13.52	35,234	15.82
Alabama	1,838	1,485	80.79	277	15.07	76	4.14
Alaska	315	120	38.10	45	14.29	150	47.62
Arizona	1,466	1,155	78.79	140	9.55	171	11.66
Arkansas	2,456	1,644	66.94	275	11.20	537	21.87
California	17,745	9,704	54.69	2,586	14.57	5,455	30.74
Colorado	2,060	1,889	91.70	171	8.30	0	0
Connecticut	1,164	1,133	97.34	0	0	31	2.66
Delaware	5,308	4,981	93.84	94	1.77	233	4.39
Dist. of C.	392	392	100.00	0	0	0	0
Florida	11,245	9,277	82.50	728	6.47	1,240	11.03
Georgia	12,076	6,457	53.47	1,659	13.74	3,960	32.79
Hawaii	839	590	70.32	247	29.44	2	0.24
Idaho	303	177	58.42	26	8.58	100	33.00
Illinois	14,597	10,685	73.20	1,342	9.19	2,590	17.74
Indiana	2,076	1,926	92.78	150	7.23	0	0
Iowa	5,258	1,548	29.44	3,710	70.56	0[1]	--
Kansas	3,061	2,468	80.63	467	15.26	126	4.12
Kentucky	3,061	2,080	67.95	850	27.77	131	4.28
Louisiana	1,303	1,303	100.00	0	0	0	0
Maine	401	401	100.00	0	0	0	0
Maryland	5,058	4,885	96.58	4	0.08	169	3.34
Massachusetts	1,642	1,405	85.57	76	4.63	161	9.81
Michigan	3,622	3,435	94.84	185	5.11	2	0.06
Minnesota	2,205	1,300	58.96	773	35.06	132	5.99
Mississippi	2,817	1,244	44.16	132	4.69	1,441	51.15
Missouri	3,959	3,680	92.95	195	4.93	84	2.12
Montana	468	312	66.67	84	17.95	72	15.39
Nebraska	3,022	2,810	92.99	202	6.68	10	0.33
Nevada	97	97	100.00	0	0	0	0
New Hampshire	544	544	100.00	0	0	0	0
New Jersey	5,260	5,260	100.00	0	0	0	0
New Mexico	1,140	1,140	100.00	0	0	0	0
New York	9,246	8,509	92.03	401	4.34	336	3.63
N. Carolina	4,957	3,667	73.98	759	15.31	531	10.71
N. Dakota	1,269	1,056	83.22	64	5.04	149	11.74
Ohio	16,221	10,131	62.46	1,156	7.13	4,934	30.42
Oklahoma	10,341	7,600	73.49	1,055	10.20	1,686	16.30
Oregon	2,330	1,031	44.25	970	41.63	329	14.12
Pennsylvania	13,434	13,390	99.67	0	0	44	0.33
Rhode Island	500	321	64.20	102	20.40	77	15.40
S. Carolina	2,594	2,594	100.00	0	0	0	0
S. Dakota	238	212	89.08	26	10.92	0	0
Tennessee	5,160	4,304	83.41	692	13.41	164	3.18
Texas	11,920	6,398	53.67	119	1.00	5,403	45.33
Utah	1,872	1,220	65.17	224	11.97	408	21.80
Vermont	345	345	100.00	0	0	0	0
Virginia	11,299	4,612	40.82	5,273	46.67	1,414	12.51
Washington	6,196	1,517	24.48	2,865	46.24	1,814	29.28
W. Virginia	852	852	100.00	0	0	NA	NA
Wisconsin	4,777	3,024	63.30	953	19.95	800	16.75
Wyoming	302	177	58.61	84	27.82	41	13.58
Puerto Rico	2,062	878	42.58	953	46.22	231	11.20

[1] Included in Post-Secondary.

Source: U.S. Office of Education, Form 3138, U.S. Department of Health, Education & Welfare, Washington, D.C. FY 1973

Table 31 - Disadvantaged Enrollment by Occupational Area in Fourteen States, 1972-73

States	Total Disadvantaged Enrollment	Disadvantaged Enrollment in Agriculture	Percent of Total	Disadvantaged Enrollment in Distributive Education	Percent of Total	Disadvantaged Enrollment in Health	Percent of Total	Disadvantaged Enrollment in Consumer and Homemaking	Percent of Total	Disadvantaged Enrollment in Occupational Home Economics
TOTAL	581,991	33,774	5.80	27,269	4.69	15,596	2.68	236,037	40.56	19,400
Alabama	21,206	2,492	11.75	2,107	9.94	194	0.92	10,402	49.05	1,165
Florida	70,883	4,810	6.79	5,276	7.44	2,265	3.20	17,195	24.26	5,806
Idaho	1,491	78	5.23	--	--	--	--	127	2.43	57
Kansas	9,891	712	7.20	1,832	18.52	321	3.25	4,312	43.60	0
Louisiana	75,379	9,620	12.76	3,376	4.48	552	0.73	26,921	35.71	3,816
Mississippi	7,884	590	7.48	117	1.48	394	5.00	1,473	18.68	804
Missouri	12,210	1,709	14.00	855	7.00	855	7.00	3,175	26.00	366
Nebraska	8,500	1,606	18.89	228	2.68	309	3.64	2,457	28.91	867
New York	242,203	1,939	0.80	4,620	1.91	8,679	3.58	132,161	54.57	3,782
N. Dakota	9,545	1,647	17.26	277	2.90	30	0.31	3,293	34.50	239
Ohio	83,425	888	1.06	7,833	9.39	476	0.57	23,569	28.25	1,070
Oklahoma	18,827	5,237	27.82	37	0.20	332	1.76	8,654	45.97	636
W. Virginia	2,050	163	7.95	33	1.61	140	6.83	45	2.20	141
Wisconsin	18,497	2,283	12.34	678	3.67	1,049	5.67	2,253	12.18	651

Source: Data collected from the various States.

U.S. Office of Education Form 3138, U.S. Department of Health, Education and Welfare, Washington, D.C., FY 1973.

Table 32 - Handicapped Enrollment by Occupational Area in Thirteen States, 1972-73

States	Total Handicapped Enrollment	Handicapped Enrollment in Agriculture	Percent of Total	Handicapped Enrollment in Distributive Education	Percent of Total	Handicapped Enrollment in Health	Percent of Total	Handicapped Enrollment in Consumer and Homemaking	Percent of Total	Handicapped Occupational Home Economics
TOTAL	68,951	8.848	12.83	4,468	6.48	1,637	2.37	14,037	20.36	3,753
Alabama	1,838	216	11.75	222	12.08	3	0.16	901	49.02	163
Florida	11,245	1,547	13.76	258	2.29	321	2.86	2,756	24.51	1,122
Idaho	303	--	--	--	--	--	--	--	--	85
Kansas	3,061	468	15.29	477	15.58	37	1.21	1,391	45.44	0
Mississippi	2,817	3	0.11	1	0.04	0	0	0	0	0
Missouri	3,959	673	17.00	198	5.00	198	5.00	1,228	31.02	158
Nebraska	3,022	564	18.66	80	2.65	108	3.57	862	28.52	304
New York	9,246	617	6.63	296	3.20	467	5.05	0	0	809
N. Dakota	1,269	287	22.62	40	3.15	12	0.95	224	17.65	100
Ohio	16,221	387	2.39	2,673	16.48	213	1.31	2,304	14.20	260
Oklahoma	10,341	3,562	34.45	8	0.08	106	1.03	3,778	36.53	443
W. Virginia	852[1]	8	0.94	2	0.24	20	2.35	112	13.15	94
Wisconsin	4,777	516	10.80	213	4.46	152	3.18	481	10.07	215

[1] Breakout provided by State by O.E. Code includes five students, not represented in the total.

Source: Data Collected from the various States.

U.S. Office of Education Form 3138, U.S. Department of Health, Education and Welfare, Washington, D.C., FY 1973.

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Percent of Total	Disadvantaged Enrollment in Office	Percent of Total	Disadvantaged Enrollment in Technical	Percent of Total	Disadvantaged Enrollment in Trade and Industrial	Percent of Total	Disadvantaged Enrollment in Other	Percent of Total
3.33	94,471	16.23	7,613	1.31	92,121	15.83	55,710	9.57
5.49	2,094	9.88	59	0.28	2,031	9.58	662	3.12
8.19	8,891	12.54	771	1.09	9,771	13.79	16,098	22.71
1.09	110	2.10	--	--	73	1.40	1,046	20.00
0	0	0	0	0	2,714	27.44		
5.06	19,014	25.23	0	0	12,080	16.03		
10.20	199	2.52	50	0.63	3,883	49.25	374	4.74
3.00	1,710	14.00	366	3.00	2,319	18.99	855	7.00
10.20	614	7.22	109	1.28	1,290	15.18	1,020	12.00
1.56	53,924	22.26	5,335	2.20	31,763	13.11		
2.50	931	9.75	10	0.11	665	6.97	2,453	25.70
1.28	4,677	5.61	60	0.07	16,654	19.96	28,198	33.80
3.38	868	4.61	10	0.05	3,053	16.22		
6.88	86	4.20	3	0.15	1,277	62.29	162	7.90
3.52	1,353	7.32	840	4.54	4,548	24.59	4,842	26.18

Percent of Total	Handicapped Enrollment in Office	Percent of Total	Handicapped Enrollment in Technical	Percent of Total	Handicapped Enrollment in Trade and Industrial	Percent of Total	Handicapped Enrollment in Other	Percent of Total
5.44	7,604	11.03	593	0.86	15,443	22.40	12,573	18.24
8.87	82	4.46	5	0.27	189	10.28	57	3.10
9.98	1,099	9.77	195	1.73	2,187	19.45	1,760	15.65
28.05	10	3.30	--	--	64	21.12	144	47.53
0	0	0	0	0	688	22.48		
0	2	0.07	3	0.11	1,566	55.59	1,242	44.09
3.99	395	9.98	79	2.00	832	21.02	198	5.00
10.06	215	7.11	37	1.22	452	14.96	400	13.24
8.75	2,517	27.22	161	1.74	4,379	47.36		
7.88	80	6.30	5	0.39	71	5.60	450	35.46
1.60	1,965	12.11	7	0.04	1,746	10.76	6,666	4.10
4.28	517	5.00	2	0.02	1,925	18.62		
11.03	98	11.50	0	0	523	61.39		
4.50	624	13.06	99	2.07	821	17.19	1,656	34.67

Table 33 - Percent of Cooperative Enrollment in each Occupational Area, 1972-73

	Total Cooperative Enrollment	Cooperative Agriculture Enrollment	Percent of Total	Cooperative Distributive Education Enrollment	Percent of Total	Cooperative Health Enrollment	Percent of Total	Cooperative Occupational Home Economics Enrollment	Percent of Total	Cooperative Office Enrollment
U.S. TOTAL	499,322	30,442	6.10	169,529	33.95	21,014	4.21	27,565	5.52	103,732
Alabama	10,280	2,301	22.38	2,926	28.46	590	5.74	172	1.67	1,214
Alaska	1,518	0	0	140	9.22	0	0	11	0.73	1,287
Arizona	8,101	383	4.73	2,138	26.39	171	2.11	1,365	16.85	2,539
Arkansas	3,935	112	2.85	1,805	45.87	256	6.51	190	4.83	663
California	37,534	2,008	5.35	7,208	19.20	1,377	3.67	1.499	3.99	10,608
Colorado	9,979	0	0	6,203	62.16	0	0	556	5.57	0
Connecticut	5,593	0	0	3,512	61.79	0	0	0	0	0
Delaware	2,806	153	5.45	692	24.66	95	3.39	66	2.35	632
Dist. of C.	1,335	12	0.90	201	15.06	379	28.39	74	5.54	423
Florida	20,633	485	2.35	6,301	30.54	954	4.62	526	2.55	3,109
Georgia	22,216	1,828	8.23	4,981	22.42	0	0	760	3.42	4,304
Hawaii	1,419	29	2.04	503	35.45	0	0	72	5.07	445
Idaho	1,340	137	10.22	762	56.87	15	1.12	5	0.37	316
Illinois	25,866	1,126	4.35	6,172	23.86	1,565	6.05	1,623	6.27	6,428
Indiana	8,302	315	3.79	1,805	21.74	425	5.12	258	3.11	3,645
Iowa	5,835	1,753	30.04	837	14.34	0	0	203	3.48	1,113
Kansas	3,487	198	5.68	1,135	32.55	25	0.72	62	1.78	1,129
Kentucky	6,537	2,148	32.86	1,769	27.06	18	0.28	26	0.40	1,392
Louisiana	6,392	782	12.23	3,895	60.94	0	0	171	2.68	1,517
Maine	1,311	70	5.34	377	28.76	121	9.23	25	1.91	145
Maryland	11,225	95	0.85	2,445	21.78	131	1.17	7	0.06	5,937
Massachusetts	4,116	164	3.98	844	20.51	147	3.57	123	2.99	524
Michigan	31,212	1,058	3.39	9,751	31.24	1,722	5.52	1,070	3.43	8,284
Minesota	15,824	0	0	7,042	44.50	2,333	14.74	623	3.94	3,255
Mississippi	2,819	87	3.09	1,292	45.83	125	4.43	120	4.26	588
Missouri	9,487	738	7.78	4,146	43.70	440	4.64	177	1.87	1,458
Montana	1,381	138	9.99	608	44.03	10	0.72	24	1.74	253
Nebraska	3,437	244	7.10	2,411	70.15	0	0	13	0.38	704
Nevada	2,412	69	2.86	466	19.32	134	5.56	81	3.36	542
New Hampshire	773	59	7.63	183	23.67	33	4.27	36	4.66	258
New Jersey	12,893	143	1.11	4,362	33.83	288	2.23	698	5.41	3,335
New Mexico	2,535	4	0.16	893	35.23	9	0.36	40	1.58	813
New York	17,012	309	1.82	5,905	34.71	979	5.75	567	3.33	4,919
N. Carolina	22,136	946	4.27	8,029	36.27	989	4.47	570	2.57	3,260
N. Dakota	2,124	569	26.79	381	17.94	183	8.62	17	0.80	858
Ohio	42,388	2,434	5.74	15,630	36.87	1,092	2.58	1,860	4.39	4,907
Oklahoma	7,562	672	8.89	2,532	33.48	205	2.71	150	1.98	2,540
Oregon	818	82	10.02	48	5.87	55	6.72	90	11.00	192
Pennsylvania	12,119[1]	463	3.82	1,929	15.92	268	2.21	685	5.65	1,314
Rhode Island	891	0	0	571	64.09	17	1.91	0	0	63
S. Carolina	1,207	20	1.66	494	40.93	39	3.23	212	17.56	227
S. Dakota	1,925	459	23.84	1,325	68.83	24	1.25	20	1.04	97
Tennessee	7,565	92	1.22	3,971	52.49	161	2.13	50	0.66	549
Texas	56,973	3,922	6.88	20,656	36.26	3,590	6.30	11,338	19.90	8,481
Utah	605	45	7.44	200	33.06	167	27.60	0	0	92
Vermont	911	97	10.65	153	16.79	46	5.05	75	8.23	148
Virginia	18,331	2,982	16.27	7,924	43.23	307	1.67	236	1.29	2,995
Washington	7,759	319	4.11	4,652	59.96	1,048	13.51	239	3.08	851
W. Virginia	916	2	0.22	712	77.73	9	0.98	3	0.33	76
Wisconsin	4,116	355	8.62	1,390	33.77	20	0.49	277	6.73	1,385
Wyoming	1,729	35	2.02	884	51.13	62	3.59	53	3.07	417
Puerto Rico	9,702	0	0	4,338	44.71	390	4.02	447	4.61	3,501

[1] Duplicated by 259 students when broken out by occupational area.

Source: U.S. Office of Education, Form 3138, U.S. Department of Health, Education & Welfare, Washington, D.C. FY 1973.

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Percent of Total	Cooperative Technical Enrollment	Percent of Total	Cooperative Trade & Industrial Enrollment	Percent of Total	Cooperative Consumer & Homemaking Enrollment	Percent of Total	Cooperative Other Enrollment	Percent of Total
20.77	7,494	1.50	113,896	22.81	4,910	0.98	20,740	4.15
11.81	1	0.01	3,076	29.92				
84.78	0	0	30	5.27				
31.34	69	0.85	1,436	17.83				
16.85	0	0	909	23.10				
28.26	3,187	8.49	10,177	27.11	1,470	3.92		
0	0	0	3,220	32.27				
0	0	0	2,031	37.21				
22.52	24	0.86	501	17.85	44	1.57	599	21.35
31.69	18	1.35	228	17.08				
15.07	18	0.09	1,014	4.91	123	0.60	8,103	39.27
19.37	0	0	4,343	19.95			6,000	27.01
31.36	2	0.14	301	21.21			67	4.72
23.58	0	0	105	7.84				
24.85	79	0.31	5,828	22.51	128	0.49	2,922	11.30
43.91	0	[illegible]	1,816	21.87	38	0.46		
19.07	243	4.16	1,636	28.89				
32.38	4	0.11	934	26.79				
21.29	52	0.80	1,132	17.32				
23.73	0	0	27	0.42				
11.06	0	0	562	42.87	11	0.84		
52.89	0	0	797	7.10			1,813	16.15
12.73	33	0.80	2,137	53.13			94	2.28
26.54	398	1.28	6,334	20.29	2,595	8.31		
20.57	0	0	2,571	16.25				
20.86	0	0	607	21.53				
15.37	208	2.19	1,841	19.41	276	2.91	203	2.14
18.32	46	3.33	248	17.96	54	3.91		
20.48	0	0	65	1.89				
22.47	95	3.94	398	16.50			627	26.00
33.38	0	0	154	19.92			50	6.47
25.87	148	1.15	3,872	30.03	47	0.36		
32.07	5	0.20	771	30.41				
28.91	421	2.47	3,912	23.00				
14.73	203	0.92	8,139	36.77				
40.40	6	0.28	110	5.18				
11.58	1,042	2.46	15,423	36.39				
33.59	0	0	1,463	19.35				
23.47	120	14.67	231	28.24				
10.84	419	3.46	6,041	58.10				
7.07	3	0.34	237	26.60				
18.81	0	0	215	17.81				
5.04	0	0	0	0				
7.26	5	0.07	2,602	34.40			135	1.78
14.89	140	0.25	8,765	15.38			81	0.14
15.21	55	9.09	0	0			46	7.60
16.25	0	0	392	43.03				
16.34	98	0.53	3,789	20.67				
10.97	282	3.65	338	4.36	29	0.37		
8.30	3	0.33	111	12.12				
33.65	0	0	594	14.43	95	2.31		
24.12	66	3.82	212	12.26				
36.09	0	0	1,026	10.58				

Table 34 - Membership in Vocational Education Student Organizations in Forty-Five States and Puerto Rico, 1972-73.[1]

States	TOTAL	FFA	FHA	HERO	DECA	FBLA	OEA	VICA
U. S. TOTAL	1,248,442	428,057	430,976	675	131,247	83,879	28,615	144,993
Alabama	55,991	26,000	20,486		2,440	3,564		3,501
Alaska	545		331		148			66
Arizona								
Arkansas	43,012	14,107	19,550		1,520	5,479[2]		2,356
California	20,825	17,000						3,825
Colorado	9,799	2,950	3,530	595				2,724
Connecticut	5,655	1,202	282		3,450	700		21
Delaware								
Dist. of C.								
Florida	36,490	13,300	10,000		5,519	4,700[2]		2,971
Georgia	55,308	19,610	19,243		4,003	8,038[2]		4,414
Hawaii	1,872	793	846		233			
Idaho	7,363	3,763	1,799		814		841	146
Illinois	44,297	16,561	17,806[3]		2,966	1,641	3,058	2,265
Indiana								
Iowa	9,562		6,458		1,992			1,112
Kansas	22,496	9,065	9,663	80	1,278	400		2,010
Kentucky	45,943	14,858	15,938		3,519	5,564[2]		6,064
Louisiana	33,221	12,677	12,574		2,949	5,021		
Maine	1,220		1,220					
Maryland	8,134	2,870	1,222		1,586	1,950		506
Massachusetts	1,744				1,744			
Michigan	16,760	9,000+	5,779		1,808			173
Minnesota	47,027	14,886	19,612		4,879		4,837	2,813
Mississippi	24,110	9,239	11,062		1,644	885[2]		1,280
Missouri	45,881	14,220	17,220		5,000	3,200		6,241
Montana	5,562	2,178	1,971		847		358	208
Nebraska	14,047	6,175	4,800		1,585	1,400		87
Nevada	2,024	560	751		250	323		140
New Hampshire								
New Jersey								
New Mexico	11,419	3,517	2,751		1,230		2,650	1,271
New York	19,604	4,908	3,068		4,037	1,551		6,040
N. Carolina	64,956	21,386	19,882		8,188	4,500		11,000
N. Dakota	9,867	4,722	4,056		523	566[2]		
Ohio	67,076	18,321	14,874		8,151		12,800+	12,930
Oklahoma	46,293	17,467	16,927		3,190	3,806[2]		4,903
Oregon	7,994	4,423	1,270		815	1,100		386
Pennsylvania	36,365	10,100	5,911		5,598	6,539		8,217
Rhode Island	297	297						
S. Carolina	15,476	6,583	6,750		2,143			
S. Dakota	10,343	3,001	5,698		958	477		209
Tennessee	63,358	16,945	27,440		5,421		4,071	9,481
Texas	167,704	53,000+	68,746		17,751			28,207
Utah	12,376	4,012	4,023		1,551	940[2]		1,850
Vermont	2,378	783	567		237	261		530
Virginia	54,984	15,848	13,459		11,000	6,076		8,601
Washington	14,701	6,197	2,798		3,452	1,590		664
W. Virginia	12,268	3,924	3,648[3]		664	1,873		2,159
Wisconsin	34,431	17,504	10,132[3]		2,345	3,434		1,016
Wyoming	4,697	2,032	1,523		841	301		
Puerto Rico	32,967	2,073	15,310		2,978	8,000		4,606

[1] For membership in additional vocational education student organizations not on this table please refer to the profiles of the individual States.

[2] Includes Phi Beta Lambda at the post-secondary level.

[3] Includes membership in HERO.

Source: Data collected by Project Baseline.

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Table 35 - Percent of Total Secondary Students Receiving Some Form of Occupationally Related Education in Seven States, the District of Columbia and Puerto Rico, 1972-73

States	Tot. Sec. Enroll., 9-12	Federally Rep'td. Secondary Vocational Education						Other Secondary Occupationally Related Programs						Tot. Fed. Rep't Voc. Ed. & Other Occup. Related Pgms. Minus Cons. & Hmkg.	Per-cent	Tot. Fed. Rep't Voc. Ed. & Other Occup. Related Pgms. Including Cons. & Hmkg.	Per-cent
		Sec. Stds. in Fed. Rep't Voc. Ed.	Per-cent	Enroll. in Cons. & Hmkg.	Per-cent	Enroll. Minus C & H	Per-cent	Indus. Arts Enroll.	Per-cent	Gen. Bus. Enroll.	Per-cent	Gen. Ag. Enroll.	Per-cent				
TOTAL	1,177,827	485,623[1]	41.2	204,796	17.4	200,827	23.8	323,288	27.4	73,887	6.3	217	0.0	678,219	57.6	883,015	75.0
Dist. of C.	39,557	12,383	31.3	4,836	12.2	7,547	19.1	4,992	12.6	8,500	21.5	0	0.0	21,039	53.2	25,875	65.4
Idaho	60,114	24,582	40.9	11,017	18.3	13,565	22.6	11,642	19.4	1,500	2.5	0	0.0	26,707	44.4	37,724	62.8
Kentucky	219,056	111,510	50.9	42,339	19.3	69,171	31.6	30,497	13.9	59,565	27.2	NA	NA	159,233	72.7	201,572	92.0
Maine	77,604	25,834	33.3	5,638	7.3	20,196	26.0	21,500[2]	27.7	NA	NA	NA	NA	41,696	53.7	47,334	61.0
Mississippi	148,435	71,931	48.5	34,297	23.1	37,634	25.4	24,750	16.7	NA	NA	0	0.0	62,384	42.0	96,681	65.1
Missouri	316,341	73,116	23.1	22,170	7.0	50,946	16.1	125,475	39.7	1,891	0.6	217	0.1	178,529	56.4	200,699	63.4
Montana	48,873	23,448	48.0	10,457	21.4	12,991	26.6	17,609	36.0	2,431	5.0	NA	NA	33,031	67.6	43,488	89.0
Nebraska	112,124	48,458	43.2	20,881	18.6	27,577	24.6	38,468	34.3	NA	NA	0	0.0	66,045	58.9	86,926	77.5
Puerto Rico	155,723	94,361	60.6	53,161	34.1	41,200	26.5	48,355	31.1	0	0.0	0	0.0	89,555	57.5	142,716	91.6

[1] This column includes some students below grade nine.
[2] Includes grades 7-12.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Data collected from the various States.

Table 36 - Career Education in Twenty-Two States and Puerto Rico, 1972-73

States	Grade Level	Enrollment	Expenditures
Alabama	1 -12	136,363	NA
Arizona	K-6/7-8	696,487/44,735	NA
Arkansas	7 - 9	12,960	NA
Connecticut	K - 8	30,000	NA
Georgia	K - 6	9,720	NA
Idaho	1-6/6-8	171/370	NA
Illinois	K - 8	471,392	NA
Indiana	K - 6	NA	$223,000
Iowa	K -12	75,792	$581,214
Kansas	K - 6	26,000	NA
Kentucky	1 - 8	40,979	NA
Mississippi	K -12	36,550	$691,654
New Hampshire	K -12	2,400	NA
New Mexico	K-6/7-9	13,097/3,854	$396,063/116,871
N. Carolina	K -14	8,657	NA
N. Dakota	K - 6	102,092	NA
Ohio	K-6/7-8	75,536/29,938	NA
Oklahoma	7 - 9	1,666	$ 24,722
Oregon	K-6/7-10	NA	$22,800/5,900
Rhode Island	K -12	1,241	NA
Texas	K-6/7-9	102,184/13,005	NA
Wyoming	K - 6	21,476	NA
Puerto Rico	K - 9	26,275	$2,001,580

Source: Data Collected from the various States.

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Table 37 - Percent of Returns on Follow-up and Method of Collecting Follow-up Data in Thirty-one States and the District of Columbia, 1972-73

States	Percent of Returns on Follow-up	Method of Obtaining Follow-up Data
Alaska	NA	By limited sampling.
Arizona	NA	State prepared questionaire sent out by teachers.
Arkansas	NA	Follow-up data collected by teacher.
Connecticut	NA	Follow-up conducted individually by LEA.
Dist. of C.	98 - 99%	By personal contact through teachers, job coordinators, and counselors.
Florida	27%	"Hit and Miss".
Illinois	NA	Follow-up conducted by LEA.
Iowa	NA	
Kansas	NA	Follow-up data supplied by teachers, students not contacted directly.
Louisiana	High	NA
Maryland	Sec. 68% (Adult & Post-Sec. - NA)	Individual student forms.
Massachusetts	NA	Follow-up conducted by LEA.
Mississippi	NA	Collected by teacher.
Nebraska	NA	"No reported plan or system."
Nevada	30% (All levels)	First follow-up contact is through parents.
New Jersey	NA	Individual schools fully responsible for followup.
New Mexico	NA	
New York	47%	Collected by teacher. (74 follow-up will be automated mail-out).
N. Carolina	NA	
N. Dakota	95%	Follow-up prepared on State form by local school.
Ohio	NA	
Oklahoma	NA	Collected by teacher.
Oregon	40% on Sec. (Adult & P-Sec.- NA)	Follow-up form sent directly to student.
Rhode Island	approx. 100%	NA
S. Carolina	NA	Collected by teacher.
S. Dakota	97%	NA
Tennessee	NA	
Vermont	NA	
Virginia	69.9%	Gathered through information system.
W. Virgina	NA	"New system." Further information NA.
Wisconsin	Sec. 95%, P-Sec. 66%	Done by mail to students.
Wyoming	90 - 95%	NA

Source: Data collected from the various States.

Table 38 - Expenditures by Occupational Areas as a Percent of Total Expenditures in Six States and Puerto Rico, 1972-73

States	Total Vocational Education Expenditures	Agriculture Expenditures	Percent of Total	Distributive Education Expenditures	Percent of Total	Health Expenditures	Percent of Total	Consumer and Homemaking Expenditures
TOTAL	$177,986,335	$13,535,645	7.60	$5,050,810	2.84	$8,524,221	4.79	$18,257,382
Colorado	33,634,197	1,212,990	3.61	944,908	2.81	192,030	0.57	720,772
Delaware	9,812,230	1,821	0.02	2,625	0.03	804	0.01	168,344
Idaho	7,897,530	1,149,105	14.55	269,396	3.41	311,275	3.94	1,298,427
Iowa[1]	43,673,732	6,056,222	13.87	1,738,074	3.98	5,010,153	11.47	3,415,110
Missouri	48,176,784	3,554,567	7.38	1,128,610	2.34	2,841,084	5.90	4,677,051
Wyoming	5,189,028	573,750	11.06	471,601	9.09	50,984	0.98	1,478,536
Puerto Rico	29,602,834	987,190	3.33	495,596	1.67	117,891	0.40	6,499,142

[1] Form used in Occupational area does not show 6,067,461 accounted for.

Source: Data Collected from the various States.

Table 38 - continued

States	Percent of Total	Occupational Home Economics	Percent of Total	Office Expenditures	Percent of Total	Technical Expenditures	Percent of Total	Trade and Industrial Expenditures	Percent of Total	Other Expenditures	Percent of Total
TOTAL	10.26	$1,396,336	0.78	$18,561,416	10.43	$4,540,454	2.55	$41,897,193	23.54	60,155,417	33.80
Colorado	2.14	670,832	1.99	3,828,268	11.38	214,164	0.64	15,126,715	44.97	10,723,518	31.88
Delaware	1.72	4,550	0.05	13,993	0.14	892	0.01	8,241	0.08	9,610,960	97.95
Idaho	16.44	Included in C&H	--	995,228	12.60	627,749	7.94	2,068,804	26.20	1,177,546	14.91
Iowa[1]	7.82	Included in C&H	--	4,295,595	9.84	2,371,389	5.43	9,212,516	21.09	5,507,212	12.61
Missouri	9.71	649,458	1.35	4,274,547	8.87	Included in T&I	--	9,845,419	20.44	21,206,048	44.02
Wyoming	28.49	0	0	1,962,834	37.83	0	0	229,428	4.42	421,895	8.13
Puerto Rico	21.95	71,496	0.24	3,190,951	10.78	1,326,260	4.48	5,406,070	18.26	11,508,238	38.88

[1] Form used in Occupational area does not show 6,067,461 accounted for.

Source: Data Collected from the various States.

Table 39 - Instructional Costs for Vocational Education by Level, 1972-73

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States	Total Instructional Costs			Total Enrollment			Instructional Costs Per Student		
	Secondary	Post-Secondary	Adult	Secondary	Post-Secondary	Adult	Secondary	Post-Secondary	Adult
U.S. TOTAL	1,071,480,269	585,565,500	121,410,681	7,353,706	1,349,465	3,366,630	145.71	433.92	36.06
Alabama	12,919,949	11,088,503	256,736	112,496	20,812	52,889	114.85	532.79	4.85
Alaska	2,036,812	1,267,947	112,156	13,686	1,653	9,588	148.82	767.06	11.70
Arizona	6,385,916	6,146,087	498,951	63,090	53,218	18,683	101.22	115.49	26.71
Arkansas	3,669,929	3,730,857	416,652	69,841	6,620	42,771	52.55	563.57	9.74
California	76,878,893	91,991,303	25,812,589	542,436	302,327	383,019	141.73	304.28	67.39
Colorado	13,115,360	6,257,935	594,994	53,960	18,136	37,303	243.06	345.06	15.95
Connecticut	13,974,850	5,119,763	944,812	148,443	6,739	25,051	94.14	759.72	37.72
Delaware	3,556,550	3,228,597	236,930	43,298	1,304	4,327	82.14	2,475.92	54.76
Dist. of C.	NA	NA	NA	12,383	892	2,954	NA	NA	NA
Florida	39,786,569	26,156,519	7,849,469	385,949	110,825	212,232	103.09	236.02	36.99
Georgia	15,285,477	11,622,473	2,449,334	226,504	26,769	90,804	67.48	434.18	26.97
Hawaii	1,338,571	3,347,032	469,020	20,230	11,640	11,224[2]	66.17	287.55	41.79
Idaho	1,813,468	2,624,333	73,757	24,582	3,777	8,338	73.77	694.82	8.85
Illinois	103,616,655	20,383,604	3,397,267	962,439	77,870	50,313	107.66	261.76	67.52
Indiana	9,707,458	6,101,957	660,128	105,760	7,990	43,602	91.79	763.70	15.14
Iowa	4,792,264	16,474,295	2,265,397	53,610	16,544	92,354	89.39[1]	995.79	24.53
Kansas	8,714,143	5,193,971	480,022	47,600	7,935	42,547	183.07	654.56	11.28
Kentucky	12,366,237	4,731,832	917,537	111,510	12,900	60,909	110.90	366.81	15.06
Louisiana	10,069,361	5,190,370	1,231,116	130,352	22,125	32,561	77.25	234.59	37.81
Maine	6,135,595	3,371,930	429,816	25,834	2,259	12,238	237.50	1,492.67	35.12
Maryland	28,148,679	8,888,031	778,185	187,257	19,170	30,626	150.32	463.65	25.41
Massachusetts	83,208,850	11,222,132	2,012,593	131,750	14,322	29,986	631.57	783.56	67.12
Michigan	NA	NA	NA	185,978	57,800	107,295	NA	NA	NA
Minnesota	13,626,542	45,243,641	3,740,673	153,552	24,239	118,633	88.74	1,866.56	31.53
Mississippi	5,743,408	5,583,650	1,173,547	71,931	9,526	44,513	79.85	586.15	26.36
Missouri	15,170,755	6,621,022	1,207,606	73,116	8,678	21,686	207.49	762.97	55.69
Montana	2,478,545	3,078,501	114,649	23,448	5,324	4,397	105.70	578.23	26.07
Nebraska	3,597,294	5,926,320	507,605	48,458	8,189	27,331	74.24	723.25	18.57
Nevada	1,309,204	388,950	223,204	26,050	4,250	5,759	50.26	91.52	38.76
New Hampshire	822,614	1,461,539	91,531	29,811	2,128	6,549	127.59	688.45	13.98
New Jersey	16,341,242	6,811,773	2,217,080	246,272	21,147	96,087	66.35	322.12	23.07
New Mexico	2,921,735	2,756,620	626,954	53,762	5,055	7,161	54.35	545.33	87.55
New York	179,097,008	50,962,236	17,782,989	664,659	64,621	223,482	269.46	788.63	79.57
N. Carolina	32,163,796	40,752,961	5,677,192	255,212	54,650	234,753	126.03	745.71	24.18
N. Dakota	1,821,856	1,883,706	260,566	24,353	5,016	7,541	74.81	375.54	34.55
Ohio	67,466,292	13,113,771	6,324,895	363,238	22,537	200,907	185.74	581.88	31.48
Oklahoma	8,334,630	4,323,450	1,532,283	69,022	8,174	35,169	120.75	528.93	43.57
Oregon	13,511,404	9,194,658	3,181,040	71,271	25,561	32,979	189.58	359.71	96.46
Pennsylvania	100,168,745	18,283,558	4,712,978	213,340	31,860	111,100	469.53	573.87	42.42
Rhode Island	3,907,216	732,659	292,212	19,713	946	4,503	198.21	774.48	64.89
S. Carolina	11,982,042	2,001,430	168,360	103,493	7,200	15,108	115.78	277.98	11.14
S. Dakota	1,436,457	1,327,823	197,718	21,214	2,126	6,023	67.71	624.56	32.83
Tennessee	10,504,482	9,020,912	2,583,285	97,992	20,695	44,377	107.20	435.90	58.21
Texas	51,675,603	24,776,791	3,227,948	349,478	62,708	298,850	147.87	395.11	10.80
Utah	7,611,855	6,413,124	553,391	69,149	9,823	27,041	110.08	652.87	20.46
Vermont	3,078,085	297,719	67,649	14,335	215	4,223	214.73	1,384.74	16.02
Virginia	19,968,810	2,500,472	1,952,306	230,143	22,007	119,665	86.77	113.62	16.31
Washington	20,222,309	20,388,794	1,404,348	119,761	36,607	106,503	168.86	556.96	13.19
W. Virginia	5,951,070	1,511,040	376,618	41,215	2,566	19,971	144.39	588.87	18.86
Wisconsin	3,668,780	42,118,961	8,381,235	130,563	61,085	110,259	28.10	689.51	76.01
Wyoming	1,675,995	1,408,215	49,863	15,806	2,655	1,487	106.04	530.40	33.53
Puerto Rico	7,700,909	2,541,013	893,495	94,361	16,255	28,959	81.61	156.32	30.85

[1] Part B only.

[2] Duplicated figure.

Source: U.S. Office of Education Form 3132,
U.S. Department of Health, Education and
Welfare, Washington, D.C., FY 1973

U.S. Office of Education Form 3138, U.S.
Department of Health, Education and
Welfare, Washington, D.C., FY 1973.

Table 40 - Instructional Salaries, Equipment, and Other Costs as a Percent of Total Instructional Costs, 1972-73

States	Total Instructional Costs	Instructional Salaries	Percent of Total	Instructional Equipment	Percent of Total	Other Instructional Costs	Percent of Total
U.S. TOTAL	2,366,664,540	1,843,200,354	77.88	160,342,866	6.78	363,121,320	15.34
Alabama	32,151,462	26,508,674	82.45	0	0	5,642,788	17.55
Alaska	5,365,623	3,950,086	73.62	845,106	15.75	570,431	10.63
Arizona	18,115,522	13,705,953	75.66	2,134,918	11.79	2,274,651	12.56
Arkansas	13,201,186	11,489,519	87.03	402,942	3.05	1,308,725	9.91
California	235,198,337	150,984,592	64.19	7,084,999	3.01	77,128,746	32.79
Colorado	25,463,031	18,903,242	74.24	3,344,051	13.13	3,215,738	12.63
Connecticut	32,326,362	25,699,303	79.50	2,292,649	7.09	4,334,410	13.41
Delaware	8,395,787	6,437,512	76.68	396,427	4.72	1,561,848	18.60
Dist. of C.	NA	NA	NA	NA	NA	NA	NA
Florida	103,373,378	77,110,416	74.59	9,477,349	9.17	16,785,613	16.24
Georgia	39,481,299	34,705,656	87.90	3.154,888	7.99	1,620,755	4.11
Hawaii	6,919,504	5,877,128	84.94	406,032	5.87	636,344	9.20
Idaho	6,457,948	5,203,957	80.58	445,860	6.90	808,131	12.51
Illinois	179,939,941	134,776,306	74.90	10,261,146	5.70	34,902,489	19.40
Indiana	25,853,120	23,401,497	90.52	2,220,096	8.59	231,527	0.90
Iowa	21,167,280	13,165,273	62.20	1,746,570	8.25	6,255,437	29.55
Kansas	18,271,266	13,439,298	73.55	2,056,908	11.26	2,775,060	15.19
Kentucky	25,973,492	21,791,414	83.90	2,092,884	8.06	2,089,194	8,04
Louisiana	30,533,111	23,498,490	76.96	3,919,164	12.84	3,115,457	10.20
Maine	11,754,063	9,574,827	81.46	294,251	2.50	1,884,985	16.04
Maryland	52,984,579	47,751,530	90.12	2,364,864	4.46	3,868,185	5.41
Massachusetts	106,065,735	72,669,739	68.51	4,636,129	4.37	28,759,867	27.12
Michigan	NA	NA	NA	NA	NA	NA	NA
Minnesota	71,704,149	53,324,653	81.34	5,425,760	7.57	7,953,736	11.09
Mississippi	17,025,571	13,535,234	79.50	3,251,132	19.10	239,205	1.40
Missouri	32,639,732	29,145,265	89.29	2,702,885	8.28	791,582	2.43
Montana	7,646,510	5,626,363	73.58	773,640	10.12	1,246,507	16.30
Nebraska	13,547,952	12,846,131	94.82	526,055	3.88	175,766	1.30
Nevada	3,430,641	3,169,295	92.38	51,790	1.51	209,556	6.11
New Hampshire	6,247,367	4,131,376	66.13	1,375,117	22.01	740,874	11.86
New Jersey	39,644,953	32,937,977	83.08	5,313,854	13.40	1,393,122	3.51
New Mexico	10,488,547	8,653,121	82.50	788,947	7.52	1,046,479	9.98
New York	340,095,666	284,705,319	83.71	29,253,305	8.60	26,137,042	7.69
N. Carolina	93,856,229	68,571,121	73.06	4,768,388	5.08	20,516,720	21.86
N. Dakota	5,701,545	5,102,113	89.49	403,682	7.08	195.750	3.43
Ohio	131,646,039	124,040,712	94.22	3,255,197	2.47	4,350,130	3.30
Oklahoma	24,606,056	18,916,574	76.88	1,560,278	6.34	4,129,204	16.78
Oregon	28,880,056	25,174,612	90.63	259,126	0.90	2,446,318	8.47
Pennsylvania	142,576,612	103,705,253	72.74	6,150,088	4.31	32,721,271	22.95
Rhode Island	6,513,766	3,594,149	55.18	590,745	9.07	2,328,872	35.75
S. Carolina	19,472,558	17,523,538	89.99	1,015,811	5.22	933,209	4.79
S. Dakota	5,200,876	4,596,807	88.39	442,955	8.52	161,114	3.10
Tennessee	32,410,052	26,641,193	82.20	2,358,054	7.28	3,410,805	10.52
Texas	119,374,402	93,979,345	78.73	9,371,439	7.85	16,023,618	13.42
Utah	17,204,268	10,925,282	63.50	2,021,234	11.75	4,257,752	24.75
Vermont	5,926,690	4,184,443	70.60	334,647	5.65	1.407,600	23.75
Virginia	38,423,811	33,453,238	87.06	4,543,672	11.83	426,901	1.11
Washington	55,990,156	45,556,238	81.36	5,771,750	10.31	4,662,168	8.33
W. Virgina	11,043,217	9,812,624	88.86	265,630	2.41	964,963	8.74
Wisconsin	61,541,322	32,242,998	52.39	5,966,864	9.70	23,331,460	37.91
Wyoming	4,688,777	3,164,571	67.49	636,001	13.56	882,205	18.94
Puerto Rico	20,144,994	17,296,297	85.86	1,587,587	7.88	1,261,010	6.26

Source: U.S. Office of Education, Form 3132, U.S. Department of Health, Education & Welfare, Washington, D. C., FY 1973.

Table 41 - Administration, Teacher Education, Research and Development, and Curriculum Development as a Percent of Total Ancillary Costs, 1972-73

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States	Total Cost of Ancillary Services	Administration Supervision and Evaluation	Percent of Total	Teacher Education	Percent of Total	Research and Demonstration	Percent of Total	Curriculum Development	Percent of Total
U.S. TOTAL	280,499,032	226,690,842	80.82	29,778,550	10.62	14,580,555	5.20	9,449,085	3.37
Alabama	3,397,766	2,766,341	81.42	318,078	9.36	313,347	9.22	0	0
Alaska	568,891	269,693	47.41	129,564	22.77	33,480	5.89	136,154	23.93
Arizona	2,510,229	2,010,167	80.08	241,503	9.62	32,415	1.29	226,144	9.01
Arkansas	2,990,733	2,516,215	34.13	358,938	12.00	110,317	3.69	5,263	0.18
California	29,655,089	28,664,254	96.66	551,007	1.86	439,828	1.48	0	0
Colorado	2,761,883	2,292,932	83.02	311,153	11.27	147,940	5.36	9,858	0.36
Connecticut	4,362,761	3,978,337	91.19	209,400	4.80	163,523	3.75	11,501	0.26
Delaware	1,211,817	920,088	75.93	143,877	11.87	127,032	10.48	20,820	1.72
Dist. of C.	NA	NA	NA	NA	NA	NA	NA	NA	NA
Florida	15,733,491	12,415,990	78.91	1,203,866	7.65	1,247,319	7.93	866,316	5.51
Georgia	6,078,294	5,321,798	87.55	649,702	10.69	103,294	1.70	3,500	0.06
Hawaii	644,439	588,769	91.36	33,062	5.13	9,245	1.43	13,363	2.07
Idaho	1,252,113	955,789	76.33	257,807	20.59	0	0	38,517	3.08
Illinois	18,964,086	16,369,303	86.32	615,276	3.24	826,409	4.36	1,153,098	6.08
Indiana	7,384,808	5,984,777	81.04	944,976	12.80	161,080	2.18	293,975	3.98
Iowa	5,065,812	4,426,861	87.39	200,840	3.96	438,111	8.65	0	0
Kansas	2,356,921	1,662,983	70.56	438,475	18.60	119,971	5.09	135,492	5.75
Kentucky	4,359,610	3,141,379	72.06	843,316	19.34	176,007	4.04	198,908	4.56
Louisiana	4,162,160	2,975,540	71.49	1,036,510	24.90	38,016	0.91	112,094	2.69
Maine	2,513,556	2,357,502	93.79	49,282	1.96	67,099	2.67	39,673	1.58
Maryland	11,206,380	10,513,251	93.82	235,309	2.10	81,821	0.73	375,299	3.35
Massachusetts	13,840,372	10,670,568	77.10	2,070,316	14.96	535,780	3.87	563,708	4.07
Michigan	NA	NA	NA	NA	NA	NA	NA	NA	NA
Minnesota	6,867,925	5,960,381	86.79	358,782	5.22	548,762	7.99	0	0
Mississippi	3,491,375	2,413,847	69.14	616,021	17.64	240,837	6.90	220,670	6.32
Missouri	3,721,048	2,332,429	62.68	980,251	26.34	380,098	10.21	28,270	0.76
Montana	819,170	579,347	70.72	194,609	23.76	45,214	5.52	0	0
Nebraska	1,386,905	973,552	70.20	379,591	27.37	33,762	2.43	0	0
Nevada	794,411	707,477	89.06	26,984	3.40	35,000	4.41	24,950	3.14
New Hampshire	2,332,634	1,845,721	79.13	67,952	2.91	329,643	14.13	89,318	3.83
New Jersey	6,409,188	4,714,817	73.56	1,307,206	20.40	327,164	5.10	60,001	0.94
New Mexico	1,155,139	746,[illegible]86	64.67	202,817	17.56	84,786	7.34	120,550	10.44
New York	16,849,826	14,21[illegible]	84.37	1,719,170	10.63	707,338	4.20	135,223	0.80
N. Carolina	6,920,963	5,627,026	81.30	759,825	10.98	534,112	7.72	0	0
N. Dakota	839,626	498,313	59.35	200,339	23.86	68,281	8.13	72,693	8.66
Ohio	4,019,847	1,737,556	43.22	1,722,933	42.86	333,223	8.29	226,135	5.63
Oklahoma	2,699,440	1,782,376	66.03	327,586	12.14	232,650	8.62	356,828	13.22
Oregon	1,544,125	1,260,756	81.65	61,565	3.99	141,184	9.14	80,620	5.22
Pennsylvania	11,906,352	6,656,002	55.90	1,845,924	15.50	1,528,673	12.84	1,875,753	15.75
Rhode Island	1,759,033	1,665,945	94.71	28,696	1.63	50,727	2.88	13,664	0.78
S. Carolina	1,755,610	1,045,900	59.57	513,281	29.24	9,112	0.52	187,317	10.67
S. Dakota	647,611	450,600	69.58	145,351	22.44	44,310	6.84	7,350	1.13
Tennessee	9,268,642	8,056,202	86.92	636,819	6.87	377,405	4.07	198,216	2.14
Texas	16,546,028	9,341,897	56.46	4,438,727	26.83	1,700,408	10.28	1,064,996	6.44
Utah	3,038,444	2,519,785	82.93	216,782	7.13	239,141	7.87	62,735	2.06
Vermont	1,003,771	800,463	79.75	172,694	17.20	29,614	2.95	1.000	0.10
Virginia	4,821,891	3,338,263	69.23	955,993	19.83	437,804	9.08	89,831	1.86
Washington	9,490,437	8,991,749	94.75	219,269	2.31	119,582	1.26	159,837	1.68
W. Virginia	1,751,363	1,377,914	78.68	211,018	12.05	119,941	6.85	42,490	2.43
Wisconsin	12,161,260	11,410,754	93.83	174,105	1.43	449,446	3.70	126,955	1.04
Wyoming	487,619	275,575	56.51	207,044	42.46	5,000	1.03	0	0
Puerto Rico	4,988,138	4,559,876	91.41	172,958	3.47	255,304	5.12	0	0

Source: U.S. Office of Education Form 3132,
U.S. Department of Health, Education,
and Welfare, Washington, D.C., FY 1973.

Table 42 - Guidance and Counseling Expenditures Per Student at Secondary, Post-Secondary, and Adult Level, 1972-73

States	Total Expenditures For Guidance and Counseling			Total Enrollment For Vocational Education			Expenditures Per Student		
	Secondary	Post-Secondary	Adult	Secondary	Post-Secondary	Adult	Secondary	Post-Secondary	Adult
U.S. TOTAL	57,852,731	21,002,145	4,804,000	7,348,666	1,349,465	3,366,630	7.87	15.56	1.43
Alabama	759,973	11,164	0	112,496	20,812	52,889	6.76	0.54	0
Alaska	10,834	0	0	13,686	1,653	9,588	0.79	0	0
Arizona	172,526	81,645	0	63,090	53,218	18,683	2.74	1.53	0
Arkansas	436,000	99,000	0	69,841	6,620	42,771	6.24	14.96	0
California	4,668,000	3,103,000	NA	542,436	302,327	383,019	8.61	10.26	NA
Colorado	124,000	396,000	0	53,960	18,136	37,303	2.30	21.84	0
Connecticut	810,504	59,596	0	148,443	6,739	25,051	5.46	8.84	0
Delaware	457,731	0	0	43,298	1,304	4,327	10.57	0	0
Dist. of C.	0	0	0	12,383	892	2,954	0	0	0
Florida	4,303,000	951,000	661,000	385,949	110,825	212,232	11.15	8.58	3.12
Georgia	17,000	589,000	0	226,504	26,769	90,804	0.08	22.00	0
Hawaii	NA	NA	NA	20,230	11,640	11,224[1]	NA	NA	NA
Idaho	1,090	148,740	0	24,582	3,777	8,338	0.04	39.38	0
Illinois	0	0	0	962,439	77,870	50,313	0	0	0
Indiana	150,000	27,000	0	105,760	7,990	43,602	1.42	3.38	0
Iowa	180,000	1,736,000	0	53,610	16,544	92,354	3.36	104.93	0
Kansas	370,000	139,000	9,000	47,600	7,935	42,547	7.77	17.52	0.21
Kentucky	105,000	51,000	9,000	111,510	12,900	60,909	0.94	3.95	0.15
Louisiana	2,934,000	511,000	105,000	130,352	22,125	32,561	22.51	23.10	3.23
Maine	140,000	0	0	25,834	2,259	12,238	5.42	0	0
Maryland	1,589,000	408,000	5,000	182,217	19,170	30,626	8.49	21.28	0.16
Massachusetts	3,453,000	382,000	27,000	131,750	14,322	29,986	26.21	26.67	0.90
Michigan	NA	NA	NA	185,978	57,800	107,295	NA	NA	NA
Minnesota	62,000	905,000	82,000	153,552	24,239	118,633	0.40	37.34	0.69
Mississippi	1,135,000	276,000	0	71,931	9,526	44,513	15.78	28.97	0
Missouri	8,953,000	0	0	73,116	8,678	21,686	122.45	0	0
Montana	81,000	155,000	0	23,448	5,324	4,397	3.46	29.11	0
Nebraska	6,000	0	0	48,458	8,189	27,331	0.12	0	0
Nevada	293,000	0	0	26,050	4,250	5,759	11.25	0	0
New Hampshire	9,000	0	16,000	29,811	2,123	6,549	0.30	0	2.44
New Jersey	643,000	9,000	1,000	246,272	21,147	96,087	2.61	0.43	0.01
New Mexico	0	73,000	0	53,762	5,055	7,161	0	14.44	0
New York	10,046,000	0	2,533,000	664,659	64,621	223,482	15.12	0	11.33
N. Carolina	1,624,000	4,163,000	0	255,212	54,650	234,753	6.36	76.18	0
N. Dakota	83,000	3,000	5,000	24,353	5,016	7,541	3.41	0.60	0.66
Ohio	1,085,000	2,165,000	92,000	363,238	22,537	200,907	2.99	96.06	0.46
Oklahoma	458,000	93,000	67,000	69,022	8,174	35,169	6.64	11.38	1.91
Oregon	473,000	312,000	104,000	71,271	25,561	32,979	6.64	12.21	3.15
Pennsylvania	2,277,000	55,000	15,000	213,340	31,860	111,100	10.67	1.73	0.14
Rhode Island	286,000	2,000	4,000	19,713	946	4,503	14.51	2.11	0.89
S. Carolina	287,000	0	0	103,493	7,200	15,108	2.77	0	0
S. Dakota	34,000	34,000	0	21,214	2,126	6,023	1.60	15.99	0
Tennessee	20,000	473,000	39,000	97,992	20,695	44,377	0.20	22.86	0.88
Texas	3,179,000	929,000	193,000	349,478	62,708	298,850	9.10	14.82	0.66
Utah	978,000	270,000	26,000	69,149	9,823	27,041	14.14	27.49	0.96
Vermont	0	0	0	14,335	215	4,223	0	0	0
Virginia	366,000	13,000	0	230,143	22,007	119,665	1.59	0.59	0
Washington	1,175,000	829,000	178,000	119,761	36,607	106,503	9.81	22.65	1.67
W. Virginia	148,073	0	0	41,215	2,566	19,971	3.59	0	0
Wisconsin	531,000	1,442,000	633,000	130,563	61,085	110,259	4.07	23.61	5.74
Wyoming	0	0	0	15,806	2,655	1,487	0	0	0
Puerto Rico	2,939,000	108,000	0	94,361	16,255	28,959	31.15	6.64	0

[1] Duplicated figure.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

U.S. Office of Education Form 3132, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 43 - Guidance and Counseling Expenditures as a Percent of Total Vocational Education Expenditures

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States	Total Vocational Education Expenditures	Expenditures for Guidance and Counseling	Guidance and Counseling Expenditures as a Percent of Total Vocational Education Expenditures
U.S. TOTAL	$2,942,517,633	$87,964,400[1]	2.99
Alabama	37,905,610	771,137	2.03
Alaska	6,256,855	10,834	0.17
Arizona	21,772,726	254,821	1.17
Arkansas	16,960,997	535,046	3.15
California	276,170,235	7,671,439	2.78
Colorado	33,634,197	520,629	1.55
Connecticut	43,465,826	968,444	2.23
Delaware	9,812,230	457,731	4.66
Dist. of C.	NA	0	0
Florida	128,935,304	5,914,494	4.59
Georgia	48,025,369	606,695	1.26
Hawaii	NA	NA	NA
Idaho	7,897,530	149,830	1.90
Illinois	209,710,964	0	0
Indiana	34,928,486	176,620	0.51
Iowa	43,673,732	1,916,719	4.39
Kansas	21,341,282	518,620	2.43
Kentucky	32,738,400	165,335	0.51
Louisiana	38,347,498	3,551,310	9.26
Maine	17,109,374	139,672	0.82
Maryland	73,090,639	2,002,381	2.74
Massachusetts	145,390,052	3,862,190	2.66
Michigan	NA	NA	NA
Minnesota	84,786,679	1,048,682	1.24
Mississippi	26,662,487	1,412,258	5.30
Missouri	48,176,784	8,953,389	19.39
Montana	8,764,902	236,516	2.70
Nebraska	15,000,732	5,304	0.03
Nevada	4,514,565	292,430	6.48
New Hampshire	8,628,923	25,012	0.29
New Jersey	62,272,762	653,483	1.05
New Mexico	15,311,082	72,858	0.48
New York	376,328,709	12,578,563	3.34
N. Carolina	113,315,533	5,787,687	5.11
N. Dakota	6,644,531	90,441	1.36
Ohio	148,708,188	3,342,365	2.25
Oklahoma	29,502,464	618,079	2.10
Oregon	53,435,495	889,124	1.66
Pennsylvania	169,146,304	2,346,806	1.39
Rhode Island	10,140,958	291,413	2.87
S. Carolina	24,089,234	287,538	1.19
S. Dakota	5,969,020	68,088	1.14
Tennessee	45,867,096	531,413	1.16
Texas	150,657,652	8,602,702	5.71
Utah	21,620,186	1,273,473	5.89
Vermont	9,167,899	0	0
Virginia	50,802,695	378,204	0.74
Washington	68,678,333	2,182,737	29.30
W. Virginia	17,678,782	148,073	0.84
Wisconsin	84,686,470	2,606,476	3.08
Wyoming	5,189,028	0	0
Puerto Rico	29,602,834	3,047,339	10.29

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[1] The figure represented here includes all guidance and counseling costs, not only those broken out by level as shown on the preceding table.

Source: U.S. Office of Education Form 3132, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 44 - Full-Time Teachers (F.T.E.) in Vocational Education by Secondary and Post-Secondary, and the Number of Teachers for Adult, 1972-73

States	Total Number of Vocational Teachers	Secondary F.T.E. Teachers	Post-Secondary F.T.E. Teachers	Adult Teachers	
				Full-Time	Part-Time
U.S. TOTAL	244,300	116,974	40,605	5,698	70,186
Alabama	2,565	1,779	573	11	1,032
Alaska	463	246	64	8	145
Arizona	2,055	1,046	669	37	303
Arkansas	2,086	945	369	71	576
California	25,291	6,257	4,960	453	4,565
Colorado	3,264	1,339	653	165	964
Connecticut	2,756	1,970	315	54	659
Delaware	731	494	58	3	142
Dist. of C.	264	228	22	1	40
Florida	11,340	5,131	814	329	6,295
Georgia	5,842	2,560	874	44	2,495
Hawaii	998	189	234	1	275
Idaho	948	373	226	0	311
Illinois	12,778	8,096	2,194	236	2,165
Indiana	3,226	1,914	318	0	1,170
Iowa	5,792	1,956	1,160	341	2,335
Kansas	2,030	714	599	25	818
Kentucky	3,661	1,985	528	60	1,666
Louisiana	3,333	1,689	627	5	404
Maine	1,305	785	215	2	454
Maryland	4,477	2,445[1]	544[1]	153	737
Massachusetts	6,329	3,830	800	116	1,231
Michigan	8,793	2,580	1,647	211	2,363
Minnerota	5,838	2,242	2,004	175	2,398
Mississippi	2,636	1,318	473	98	657
Missouri	4,742	2,640	741	35	1,014
Montana	1,050	804	165	0	124
Nebraska	1,755	580	432	56	580
Nevada	741	331	97	25	227
New Hampshire	1,003	596	163	0	229
New Jersey	6,782	5,363	760	108	2,026
New Mexico	924	480	227	6	211
New York	17,133	10,372	3,293	696	4,318
N. Carolina	9,292	3,855	1,829	38	2,286
N. Dakota	819	454	217	21	182
Ohio	15,874	7,709	368	24	4,309
Oklahoma	2,227	1,561	412	82	1,215
Oregon	3,561	1,453	762	14	1,120
Pennsylvania	11,058	6,950	2,055	668	2,334
Rhode Island	485	320	27	20	123
S. Carolina	2,479	1,909	227	4	978
S. Dakota	696	307	148	0	259
Tennessee	3,839	1,821	841	26	1,108
Texas	12,493	7,192	2,161	160	2,509
Utah	2,742	1,598	512	182	730
Vermont	656	392	26	1	171
Virginia	6,956	3,477	968	123	2,628
Washington	6,763	1,200	1,336	202	3,028
W. Virginia	1,508	860	146	3	630
Wisconsin	7,029	569	1,181	457	3,187
Wyoming	590	435	143	12	69
Puerto Rico	2,300	1,635	428	136	391

[1] This figure represents full-time teachers, not F.T.E.

Source: U.S. Office of Education Form 3136, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Table 45 - Status of Vocational Teacher Education, 1972-73

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States	Total Teachers in Vocational Education	Pre-Service Enrollees	In-Service Enrollees
U.S. TOTAL	244,300	59,330	91,992
Alabama	2,565	1,818	821
Alaska	463	6	187
Arizona	2,055	1,395	1,632
Arkansas	2,086	488	627
California	25,291	2,705	5,775
Colorado	3,264	1,022	1,333
Connecticut	2,756	435	1,028
Delaware	731	194	193
Dist. of C.	264	31	150
Florida	11,340	2,067	3,685
Georgia	5,842	429	1,357
Hawaii	998	150	283
Idaho	948	318	599
Illinois	12,778	2,528	11,453
Indiana	3,226	1,313	1,397
Iowa	5,792	1,952	2,065
Kansas	2,030	551	1,136
Kentucky	3,661	1,816	2,096
Louisiana	3,333	1,224	1,041
Maine	1,305	450	363
Maryland	4,477	627	701
Massachusetts	6,329	494	1,845
Michigan	8,793	2,804	1,309
Minnesota	5,838	2,324	4,304
Mississippi	2,638	876	1,501
Missouri	4,742	1,703	2,116
Montana	1,050	665	407
Nebraska	1,755	410	945
Nevada	741	69	293
New Hampshire	1,003	468	402
New Jersey	6,782	1,618	1,308
New Mexico	924	270	251
New York	17,133	2,426	6,220
N. Carolina	9,292	1,110	1,156
N. Dakota	819	584	717
Ohio	15,874	3,117	2,488
Oklahoma	2,227	1,029	1,117
Oregon	3,561	615	947
Pennsylvania	11,058	3,608	3,860
Rhode Island	485	217	257
S. Carolina	2,479	660	583
S. Dakota	696	344	83
Tennessee	3,839	1,325	696
Texas	12,493	3,450	6,785
Utah	2,742	1,593	1,423
Vermont	656	137	207
Virginia	6,956	2,251	2,011
Washington	6,763	903	3,928
W. Virginia	1,508	255	563
Wisconsin	7,029	1,899	4,170
Wyoming	590	244	370
Puerto Rico	2,300	343	1,898

Source: U.S. Office of Education Form 3136, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

SECTION III

Three-Year Comparison Tables
1971 - 1973

SECTION III

Three-Year Comparison Tables
1971 - 73

Section III (Tables 47-121) includes tables based on the data collected in the past three years. Comparisons are made between the years by States and by areas of concern. Included are enrollments, expenditures, completions and placements for both Vocational Education and manpower training.

The figures shown for total Vocational Education enrollments and for secondary Vocational Education enrollments on Tables 47, 50-81, and 84 differ from those used in Volumes I and II of the Baseline reports because students below grade nine have been added to all secondary enrollment figures shown in this volume. This is the result of a change in the reporting requirements of USOE. In 1971 and 1972 USOE required a breakout of all students under grade nine. When this requirement was dropped in 1973, Project Baseline could no longer report only grades nine thru twelve as secondary enrollments. Thus, to make the secondary enrollment figures all students reported below grade nine have been added to the 1971 and 1972 figures used for secondary.

Table 86 is expanded beyond the three years of Project Baseline to show the effects of inflation on Vocational Education expenditures over the past ten years.

Tables 84-90 on completions and placements will also differ in totals from the followup tables shown in Volumes I and II because data received too late for inclusion in the earlier reports have been added to these tables.

Tables 91-108 showing supply and demand of Vocational Education students have also been affected by changes in USOE reporting requirements. States are no longer required to report completions and placements by course or USOE code. As a result the percent of employment demand being met by Vocational Education in 1973 could not be determined in most States.

Tables 109 through 121 contain the only data available on the manpower training programs within each State, but they cannot be considered accurate. The first- and second-year data are reasonably acceptable, although they are known to be underreported. The third-year data are grossly underreported. This is because enrollment forms for individual trainees did not reach the U.S. Labor Department's computer in Washington, D.C., or were not filled out properly. The data were reported here exactly as they appear on a computer printout prepared by the U.S. Department of Labor for Project Baseline. They are used because no other manpower training data are available in the kind of detail needed.

While individual figures must be regarded as below what they should be, comparisons between States and of ethnic identity are possible. Even the totals may conceivably be more accurate than is believed. Similar National totals published by the U.S. Department of Labor in the Manpower Report of the President are considerably higher, so much so as to raise possible questions about their reliability. How they were collected, transmitted, and tabulated is not known. In addition to the differences between the figures themselves, a different pattern is evident in each set of data over the three-year period. In the first set, the National total increased slightly each year from FY 1971 to 1973. In the second set, the National total dropped by nearly one-fourth from FY 1971 to 1972, and then dropped by nearly half again in 1973. Just what actually happened is not known. Figures based on these data are shown in Table 109 for each of the occupationally reported manpower training programs in FY 1971, 1972 and 1973.

Because the manpower enrollment data in Table 117 are probably underreported, comparisons with Vocational Education enrollment data are not entirely accurate. On the other hand, Vocational Education enrollments are also underreported (See Volume I, pages 44 and 421, of this series of reports). In any case, the relative percentages of each should not be greatly different than shown here, except for 1972-73, where the differences might be as much as two percentage points.

The allocations of Federal funds per trainee as shown in Table 118 are probably too high, especially for FY 1973. There is no question that these figures are inaccurate, but they are included here for two reasons: They are the only data available by State, and since they have been used in each of the two preceding reports in this study it would be unreasonable to leave them out now. The extent to which they may misrepresent the cost of training in the manpower programs, however, is a matter of conjecture. Other costs than training are included in the expenditure of manpower funds. Expenditures themselves -- actual costs -- are not known. These are allocations -- anticipated costs. They are the only cost data available from the U.S. Department of Labor.

Table 46 - Total Vocational Educational Enrollment and Percent of Change, 1970-71, 1971-72 and 1972-73

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States	Total Vocational Education Enrollment			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	10,485,255[1]	11,589,949[1]	12,064,761	10.54[1]	4.10	15.06
Alabama	153,571	166,498	186,197	8.42	11.83	21.24
Alaska	13,228	20,946	24,927	58.35	19.01	88.44
Arizona	88,880	103,644	134,991	16.61	30.24	51.88
Arkansas	109,051	115,883	119,232	6.26	2.89	9.34
California	1,218,055	1,233,920	1,227,782	1.30	-0.50	0.80
Colorado	108,391	101,521	109,399	-6.34	7.76	0.93
Connecticut	133,548	175,036	180,233	31.07	2.97	34.96
Delaware	36,382	43,427	48,929	19.36	12.67	34.49
Dist. of C.	11,148	10,813	16,229	-3.01	50.09	45.58
Florida	461,539	604,878	709,006	31.06	17.21	53.62
Georgia	272,202	305,604	344,077	12.27	12.59	26.41
Hawaii	44,502	45,100	43,094	1.34	-4.45	-3.16
Idaho	30,420	33,455	36,697	9.98	9.69	20.63
Illinois	1,227,842	1,379,714	1,090,622	12.37	-20.95	-11.18
Indiana	131,338	154,556	157,352	17.68	1.81	19.81
Iowa	127,911	133,442	162,508	4.32	21.78	27.05
Kansas	97,130	105,029	98,082	8.13	-6.61	0.98
Kentucky	145,324	164,869	185,319	13.45	12.40	27.52
Louisiana	174,403	176,387	185,038	1.14	4.90	6.10
Maine	23,464	29,872	40,331	27.31	35.01	71.88
Maryland	162,761	215,314	232,013	32.29	7.76	42.55
Massachusetts	121,950	163,799	176,058	34.32	7.48	44.37
Michigan	320,055	342,985	351,073	7.16	2.36	9.69
Minnesota	286,202	301,451	296,424	5.33	-1.67	3.57
Mississippi	106,512	115,285	125,970	8.24	9.27	18.27
Missouri	150,256	168,509	103,480	12.15	-38.59	-31.13
Montana	27,328	34,184	33,169	25.09	-2.97	21.37
Nebraska	65,318	73,857	83,978	13.07	13.70	28.57
Nevada	18,655	21,935	36,059	17.58	64.39	93.29
New Hampshire	44,174	35,174	38,483	-20.37	9.41	-12.88
New Jersey	329,787	342,404	363,506	3.83	6.16	10.22
New Mexico	52,605	57,018	65,978	8.39	15.71	25.42
New York	831,822	919,921	952,762	10.59	3.57	14.54
N. Carolina	415,849	487,393	544,615	17.20	11.74	30.96
N. Dakota	26,215	32,637	36,910	24.50	13.09	40.80
Ohio	416,977	447,157	586,682	7.24	31.20	40.70
Oklahoma	104,885	108,018	112,365	2.99	4.02	7.13
Oregon	111,824	134,674	129,811	20.43	-3.61	16.09
Pennsylvania	337,835	327,458	356,300	-3.07	8.81	5.47
Rhode Island	18,370	19,992	25,162	8.83	25.86	36.97
S. Carolina	102,372	111,142	125,801	8.57	13.19	22.89
S. Dakota	25,373	26,370	29,363	3.93	11.35	15.73
Tennessee	143,572	152,761	163,064	6.40	6.74	13.58
Texas	608,252	647,879	711,036	6.51	9.75	16.90
Utah	108,799	115,187	106,013	5.87	-7.96	-2.56
Vermont	13,441	16,953	18,773	26.13	10.74	39.67
Virginia	301,904	336,383	371,815	11.42	10.53	23.16
Washington	230,985	257,836	262,871	11.62	1.95	13.80
W. Virginia	59,214	63,502	63,752	7.24	0.39	7.66
Wisconsin	189,749	253,495	301,907	33.59	19.10	59.11
Wyoming	16,511	19,786	19,948	19.83	0.82	20.82
Puerto Rico	127,374	134,896	139,575	5.91	3.47	9.58

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972, and FY 1973.

Table 47 - Secondary Vocational Education Enrollment and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Secondary Vocational Education Enrollment			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	6,487,566[1]	7,222,867[1]	7,348,666	11.33[1]	1.74	13.27
Alabama	95,412	102,102	112,496	7.01	10.18	17.91
Alaska	8,575	11,874	13,686	38.47	15.26	59.60
Arizona	50,719	51,117	63,090	0.78	23.42	24.39
Arkansas	59,140	67,351	69,841	11.88	3.70	18.09
California	553,918	592,622	542,436	6.99	-8.47	-2.07
Colorado	59,080	52,043	53,960	-11.91	3.68	-8.67
Connecticut	98,045	143,229	148,443	46.08	3.64	51.40
Delaware	32,610	38,153	43,298	17.00	13.49	32.78
Dist. of C.	5,821	5,706	12,383	-1.98	117.02	112.73
Florida	224,468	353,210	385,949	57.35	9.27	71.94
Georgia	174,144	178,222	226,504	2.34	27.09	30.07
Hawaii	28,850	23,893	20,230	-17.18	-15.33	-29.88
Idaho	21,894	22,686	24,582	3.62	8.36	12.28
Illinois	1,118,881	1,262,934	962,439	12.87	-23.79	-13.98
Indiana	86,479	101,506	105,760	17.38	4.19	22.30
Iowa	50,211	52,394	53,610	4.35	2.32	6.77
Kansas	42,447	49,023	47,600	15.49	-2.90	12.14
Kentucky	87,872	99,169	111,510	12.86	12.44	26.90
Louisiana	126,281	126,259	130,352	-0.02	3.24	3.22
Maine	16,498	16,811	25,834	1.90	53.67	56.59
Maryland	121,655	160,983	182,217	32.33	13.19	49.78
Massachusetts	95,411	121,684	131,750	27.54	8.27	38.09
Michigan	164,234	182,185	185,978	10.93	2.08	13.24
Minnesota	171,954	177,203	153,552	3.05	-13.35	-10.70
Mississippi	59,473	63,543	71,931	6.84	13.20	20.95
Missouri	105,171	118,051	73,116	12.25	-38.06	-30.48
Montana	16,707	21,333	23,448	27.69	9.91	40.35
Nebraska	38,336	41,113	48,458	7.24	17.87	26.40
Nevada	13,141	15,787	26,050	20.14	65.01	98.23
New Hampshire	39,470	27,785	29,811	-29.60	7.29	-24.47
New Jersey	218,747	232,657	246,272	6.36	5.85	12.58
New Mexico	38,732	44,718	53,762	15.45	20.22	38.81
New York	607,711	648,717	664,659	6.75	2.46	9.37
N. Carolina	200,729	231,751	255,212	15.45	10.12	27.14
N. Dakota	16,470	20,067	24,353	21.84	21.36	47.86
Ohio	209,870	230,983	363,238	10.06	57.26	73.08
Oklahoma	61,518	62,041	69,022	0.85	11.25	12.20
Oregon	65,756	74,899	71,271	13.90	-4.84	8.39
Pennsylvania	184,619	189,073	213,340	2.41	12.83	15.56
Rhode Island	12,026	13,250	19,713	10.18	48.78	63.92
S. Carolina	79,411	85,407	103,493	7.55	21.18	30.33
S. Dakota	18,291	19,537	21,214	6.81	8.58	15.98
Tennessee	95,472	96,495	97,992	1.07	1.55	2.64
Texas	327,684	329,887	349,478	0.67	5.94	6.65
Utah	78,947	76,858	69,149	-2.65	-10.03	-12.41
Vermont	10,449	12,192	14,335	16.68	17.58	37.19
Virginia	188,674	194,224	230,143	2.94	18.49	21.98
Washington	116,548	132,801	119,761	13.95	-9.82	2.76
W. Virginia	33,176	38,524	41,215	16.12	6.99	24.23
Wisconsin	59,129	103,278	130,563	74.67	26.42	120.31
Wyoming	14,113	17,181	15,806	21.74	-8.00	12.00
Puerto Rico	82,597	88,356	94,361	6.97	6.80	14.24

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning & Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and 1973.

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able 48 - Post-Secondary Vocational Education Enrollment and Percent of Change, 1970-71, 1971-72 and 1972-73

States	Post-Secondary Vocational Education Enrollment			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	1,140,250	1,303,052	1,349,465	14.28	3.56	18.35
Alabama	17,041	19,853	20,812	16.50	4.83	22.13
Alaska	806	2,814	1,653	249.13	-41.26	105.09
Arizona	22,281	38,318	53,218	71.98	38.89	138.85
Arkansas	6,324	6,240	6,620	-1.33	6.09	4.68
California	338,564	329,635	302,327	-2.64	-8.28	-10.70
Colorado	14,274	14,964	18,136	4.83	21.20	27.06
Connecticut	6,674	6,977	6,739	4.54	-3.41	0.97
Delaware	718	1,249	1,304	73.96	4.40	81.62
Dist. of C.	1,144	1,653	892	44.49	-46.04	-22.03
Florida	69,634	75,173	110,825	7.95	47.43	59.15
Georgia	14,814	26,262	26,769	77.28	1.93	80.70
Hawaii	7,052	10,107	11,640	43.32	15.17	65.06
Idaho	2,820	3,255	3,777	15.43	16.04	33.94
Illinois	62,186	89,168	77,870	43.39	-12.67	25.22
Indiana	6,213	7,529	7,990	21.18	6.12	28.60
Iowa	13,584	15,996	16,544	17.76	3.43	21.79
Kansas	7,393	9,283	7,935	25.56	-14.52	7.33
Kentucky	9,308	12,844	12,900	37.99	0.44	38.59
Louisiana	19,076	19,375	22,125	1.57	14.19	15.98
Maine	1,628	2,065	2,259	26.84	9.39	38.76
Maryland	12,758	19,522	19,170	53.02	-1.80	50.26
Massachusetts	8,711	13,019	14,322	49.45	10.01	64.41
Michigan	42,632	63,216	57,800	48.28	-8.57	35.58
Minnesota	20,122	21,130	24,239	5.01	14.71	20.46
Mississippi	8,268	8,812	9,526	6.58	8.10	15.22
Missouri	11,797	14,282	8,678	21.06	-39.24	-26.44
Montana	3,218	4,125	5,324	28.19	29.07	65.44
Nebraska	5,362	7,180	8,189	33.91	14.05	52.72
Nevada	1,936	2,050	4,250	5.89	107.32	119.52
New Hampshire	1,820	2,011	2,123	10.49	5.57	16.65
New Jersey	20,530	16,974	21,147	-17.32	24.58	3.01
New Mexico	6,078	5,099	5,055	-16.11	-0.86	-16.83
New York	58,965	62,883	64,621	6.64	2.76	9.59
N. Carolina	42,536	46,421	54,650	9.13	17.73	28.48
N. Dakota	4,117	4,307	5,016	4.62	16.46	21.84
Ohio	13,911	20,186	22,537	45.11	11.65	62.01
Oklahoma	5,322	5,832	8,174	9.58	40.16	53.59
Oregon	15,243	22,444	25,561	47.24	13.89	67.69
Pennsylvania	27,381	29,844	31,860	9.00	6.76	16.36
Rhode Island	1,081	1,058	946	-2.13	-10.59	-12.49
S. Carolina	3,200	7,463	7,200	133.22	-3.52	125.00
S. Dakota	1,806	2,002	2,126	10.85	6.19	17.72
Tennessee	16,346	17,773	20,695	8.73	16.44	26.61
Texas	41,912	52,508	62,708	25.28	19.43	49.62
Utah	12,294	13,059	9,823	6.22	-24.78	-20.10
Vermont	173	212	215	22.54	1.42	24.28
Virginia	15,833	18,807	22,007	18.78	17.01	38.99
Washington	58,233	58,701	36,607	0.80	-37.64	-37.14
W. Virginia	2,014	2,685	2,566	33.32	-4.43	27.41
Wisconsin	38,136	48,990	61,085	28.46	24.69	60.18
Wyoming	1,436	1,617	2,655	12.60	64.19	84.89
Puerto Rico	15,545	16,080	16,255	3.44	1.09	4.57

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972, and 1973.

Table 49 - Adult Vocational Education Enrollment and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Adult Vocational Education Enrollment			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	2,857,439	3,064,030	3,366,630	7.23	9.88	17.82
Alabama	41,118	44,543	52,889	8.33	18.74	28.63
Alaska	3,847	6,258	9,588	62.67	53.21	149.23
Arizona	15,880	14,209	18,683	-10.52	31.49	17.65
Arkansas	43,587	42,292	42,771	-2.97	1.13	-1.87
California	325,573	311,663	383,019	-4.27	22.90	17.64
Colorado	35,037	34,514	37,303	-1.49	8.08	6.47
Connecticut	28,829	24,830	25,051	-13.87	0.89	-13.10
Delaware	3,054	4,025	4,327	31.79	7.50	41.68
Dist. of C.	4,183	3,454	2,954	-17.43	-14.48	-29.38
Florida	167,437	176,495	212,232	5.41	20.25	26.75
Georgia	83,244	101,120	90,804	21.47	-10.20	9.08
Hawaii	8,600	11,100	11,224	29.07	1.12	30.51
Idaho	5,706	7,514	8,338	31.69	10.97	46.13
Illinois	46,775	27,612	50,313	-40.97	82.21	7.56
Indiana	38,646	45,521	43,602	17.79	-4.22	12.82
Iowa	64,116	65,052	92,354	1.46	41.97	44.04
Kansas	47,290	46,723	42,547	-1.20	-8.94	-10.03
Kentucky	48,144	52,856	60,909	9.79	15.24	26.51
Louisiana	29,046	30,753	32,561	5.88	5.88	12.10
Maine	5,338	10,996	12,238	105.99	11.30	129.26
Maryland	28,348	34,809	30,626	22.79	-12.02	8.04
Massachusetts	17,828	29,096	29,986	63.20	3.06	68.20
Michigan	113,189	97,584	107,295	-13.79	9.95	-5.21
Minnesota	94,126	103,118	118,633	9.55	15.05	26.04
Mississippi	38,771	42,930	44,513	10.73	3.69	14.81
Missouri	33,288	36,176	21,686	8.68	-40.05	-34.85
Montana	7,403	8,726	4,397	17.87	-49.61	-40.61
Nebraska	21,620	25,564	27,331	18.24	6.91	26.42
Nevada	3,578	4,098	5,759	14.53	40.53	60.96
New Hampshire	2,884	5,378	6,549	86.48	21.77	127.08
New Jersey	90,510	92,773	96,087	2.50	3.57	6.16
New Mexico	7,795	7,201	7,161	-7.62	-0.56	-8.13
New York	165,146	208,321	223,482	26.14	7.28	35.32
N. Carolina	172,584	209,221	234,753	21.23	12.20	36.02
N. Dakota	5,628	8,263	7,541	46.82	-8.74	33.99
Ohio	193,196	195,988	200,907	1.45	2.51	3.99
Oklahoma	38,045	40,145	35,169	5.52	-12.40	-7.56
Oregon	30,825	37,331	32,979	21.11	-11.66	6.99
Pennsylvania	125,835	108,541	111,100	-13.74	2.36	-11.71
Rhode Island	5,263	5,684	4,503	8.00	-20.78	-14.44
S. Carolina	19,761	18,272	15,108	-7.54	-17.32	-23.55
S. Dakota	5,276	4,831	6,023	-8.43	24.67	14.16
Tennessee	31,754	38,493	44,377	21.22	15.29	39.75
Texas	238,656	265,484	298,850	11.24	12.57	25.22
Utah	17,558	25,270	27,041	43.92	7.01	54.01
Vermont	2,819	4,549	4,223	61.37	-7.17	49.80
Virginia	97,397	123,352	119,665	26.65	-2.99	22.86
Washington	56,204	66,334	106,503	18.02	60.56	89.49
W. Virginia	24,024	22,293	19,971	-7.21	-10.42	-16.87
Wisconsin	92,484	101,227	110,259	9.45	8.92	19.22
Wyoming	962	988	1,487	2.70	50.51	54.57
Puerto Rico	29,232	30,460	28,959	4.20	-4.93	-0.93

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972, and 1973.

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Table 50 - Vocational Education Enrollment Per 1,000 Population and Percent of Change, 1970-71, 1971-72 and 1972-73

States	Vocational Education Enrollment Per 1,000 Population			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	50.85[1]	55.66[1]	57.63	9.46	3.54	13.33
Alabama	44.04	47.44	52.61	7.72	10.90	19.46
Alaska	42.26	64.45	75.54	52.51	17.21	78.75
Arizona	47.73	53.29	65.59	11.65	23.08	37.42
Arkansas	55.89	58.59	58.53	4.83	-0.10	4.72
California	60.04	60.29	59.60	0.42	-1.14	-0.73
Colorado	47.60	43.07	44.89	-9.52	4.23	-5.69
Connecticut	43.53	56.79	58.59	30.46	3.17	34.60
Delaware	65.08	76.86	84.95	18.10	10.53	30.53
Dist. of C.	14.80	14.46	65.97	-2.30	356.22	345.74
Florida	65.70	83.33	92.34	26.83	10.81	40.55
Georgia	58.36	64.75	71.89	10.95	11.03	23.18
Hawaii	56.33	55.75	51.80	-1.03	-7.09	-8.04
Idaho	41.28	44.25	47.66	7.19	7.71	15.46
Illinois	109.81	122.63	97.06	11.67	-20.85	-11.61
Indiana	25.05	29.21	29.60	16.61	1.34	18.16
Iowa	44.72	46.29	55.96	3.51	20.89	25.13
Kansas	43.04	46.51	43.04	8.06	-7.46	0.00
Kentucky	44.36	49.98	55.45	12.67	10.94	25.00
Louisiana	47.23	47.42	49.16	0.40	3.67	4.09
Maine	23.19	29.03	39.23	25.18	35.14	69.17
Maryland	40.62	53.09	57.01	30.70	7.38	40.35
Massachusetts	21.16	28.30	30.26	33.74	6.93	43.01
Michigan	35.58	37.77	38.82	6.16	2.78	9.11
Minnesota	74.15	77.37	76.06	4.34	-1.69	2.58
Mississippi	47.34	50.94	55.23	7.60	8.42	16.67
Missouri	31.85	35.45	21.75	11.30	-38.65	-31.71
Montana	38.49	47.54	46.00	23.51	-3.24	19.51
Nebraska	43.31	48.43	54.46	11.82	12.45	25.74
Nevada	36.58	41.62	65.80	13.78	58.10	79.88
New Hampshire	58.28	45.62	48.65	-21.72	6.64	-16.52
New Jersey	45.15	46.48	49.38	2.95	6.24	9.37
New Mexico	50.34	53.54	59.65	6.36	11.41	18.49
New York	45.33	50.09	52.16	10.50	4.13	15.07
N. Carolina	80.62	93.48	103.28	15.95	10.48	28.11
N. Dakota	41.74	51.64	57.67	23.72	11.68	38.16
Ohio	38.83	41.47	54.67	6.80	31.83	40.79
Oklahoma	40.34	41.01	42.19	1.66	2.88	4.59
Oregon	52.28	61.72	58.34	18.06	-5.48	11.59
Pennsylvania	28.39	27.46	29.94	-3.28	9.03	5.46
Rhode Island	19.16	20.65	25.86	7.78	25.23	34.97
S. Carolina	38.88	41.70	46.15	7.25	10.67	18.70
S. Dakota	37.65	38.84	42.87	3.16	10.38	13.86
Tennessee	35.95	37.90	39.52	5.42	4.27	9.93
Texas	53.22	55.62	60.29	4.51	8.40	13.28
Utah	99.36	102.30	91.63	2.96	-10.43	-7.78
Vermont	29.61	36.69	40.46	23.91	10.28	36.64
Virginia	63.96	70.61	77.28	10.40	9.45	20.83
Washington	67.11	74.89	76.66	11.59	2.36	14.23
W. Virginia	33.49	35.66	35.54	6.48	-0.34	6.12
Wisconsin	43.42	56.08	66.08	29.16	17.83	52.19
Wyoming	48.71	57.35	56.51	17.74	-1.46	16.01
Puerto Rico	--	--	--	--	--	--

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and more updated population figures have been used.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

"Current Population Report," P-25, U.S. Department of Commerce, Social & Economic Statistics Administration, Bureau of the Census, September, 1972 and 1973.

Table 51 - Secondary Vocational Education Enrollment as a Percent of Population 15-19 Years of Age, and Change, 1970-71, 1971-72, and 1972-73

States	Secondary Vocational Education As a Percent of Population 15-19 Years of Age			Difference In Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	34.02[1,2]	31.87[1,2]	38.53[2]	3.85	9.56	4.31
Alabama	27.92	29.88	32.92	1.96	3.04	5.00
Alaska	32.03	44.36	51.13	12.33	6.77	19.10
Arizona	29.25	29.48	36.38	0.23	6.90	7.13
Arkansas	32.46	36.97	38.33	4.51	1.36	5.87
California	30.48	32.61	29.85	2.13	-2.76	-0.63
Colorado	27.17	23.93	24.81	-1.24	0.88	-2.36
Connecticut	37.13	54.24	56.22	17.11	1.98	19.09
Delaware	63.53	74.33	84.35	10.80	10.02	20.82
Dist. of C.	8.87	8.70	18.87	-0.17	10.17	10.00
Florida	38.92	61.24	66.91	22.32	5.67	27.99
Georgia	39.35	40.27	51.18	0.92	10.91	11.83
Hawaii	40.16	33.26	28.16	-6.90	-5.10	-12.00
Idaho	29.56	30.63	33.19	1.07	2.56	3.63
Illinois	110.66	124.17	95.19	13.51	-28.98	-15.47
Indiana	17.22	20.21	21.06	2.99	0.85	3.84
Iowa	18.36	19.16	19.60	0.80	0.44	.24
Kansas	19.54	22.57	21.91	3.03	-0.66	2.37
Kentucky	27.57	31.11	34.98	3.54	3.87	7.41
Louisiana	33.59	33.58	34.67	-0.01	1.09	1.08
Maine	17.67	18.01	27.67	0.34	9.66	10.00
Maryland	34.16	45.20	51.16	11.04	5.96	17.00
Massachusetts	18.54	23.65	25.60	5.11	1.95	7.06
Michigan	18.82	20.88	21.31	2.06	0.43	2.49
Minnesota	46.05	47.46	41.12	1.41	-6.34	-4.93
Mississippi	25.53	27.28	30.88	1.75	3.60	5.35
Missouri	24.48	27.48	17.02	3.00	-10.46	-7.46
Montana	23.75	30.33	33.33	6.58	3.00	9.58
Nebraska	26.78	28.72	33.85	1.94	5.13	7.07
Nevada	32.70	39.29	64.83	6.59	25.54	32.13
New Hampshire	58.68	41.31	44.32	-17.37	3.01	-14.36
New Jersey	35.75	38.03	40.25	2.28	2.22	4.50
New Mexico	36.83	42.52	51.12	5.69	8.60	14.29
New York	38.88	41.[illegible]	42.52	2.62	1.02	3.64
N. Carolina	38.64	44.61	49.13	5.97	4.52	10.49
N. Dakota	25.43	30.98	37.60	5.55	6.62	12.17
Ohio	20.73	22.82	35.89	2.09	13.07	15.16
Oklahoma	25.47	25.69	28.58	0.22	2.89	3.11
Oregon	32.33	36.83	35.05	4.50	-1.78	2.72
Pennsylvania	17.17	17.58	19.84	0.41	2.26	2.67
Rhode Island	14.04	15.46	23.01	1.42	7.55	8.97
S. Carolina	28.27	30.41	36.85	2.14	6.44	8.58
S. Dakota	26.13	27.91	30.31	1.78	2.40	4.18
Tennessee	25.26	25.53	25.93	0.27	0.40	0.67
Texas	29.99	30.19	31.98	0.20	1.79	1.99
Utah	67.70	65.91	59.33	-1.79	-6.61	-8.40
Vermont	23.54	27.46	32.29	3.92	4.83	8.75
Virginia	42.80	44.05	52.20	1.25	8.15	9.40
Washington	35.33	40.25	36.30	4.92	-3.95	0.97
W. Virginia	19.25	22.35	23.91	3.10	1.56	4.66
Wisconsin	13.65	23.84	30.14	10.19	6.30	16.49
Wyoming	42.47	51.70	47.57	9.23	-4.13	5.10
Puerto Rico	NA	NA	NA	NA	NA	NA

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

[2] Percentages based on total Federally reported secondary vocational education, including those students below grade nine, which would not necessarily fall into this age group (15-19).

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

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Table 52 - Post-Secondary Vocational Education
As a Percent of Population 20-24 Years of Age
and Change, 1970-71, 1971-72, and 1972-73

States	Post-Secondary Vocational Enrollment as a Percent of Population 20-24 Years of Age			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	6.6	7.86	8.24	1.26	0.38	1.64
Alabama	6.2	7.23	7.58	1.03	0.35	1.38
Alaska	2.3	7.91	4.65	5.61	-3.26	2.35
Arizona	15.2	26.11	36.26	10.91	10.15	21.[illegible]
Arkansas	4.6	4.36	4.63	-0.04	0.27	0.[illegible]3
California	19.4	18.93	17.37	-0.47	-1.56	-2.03
Colorado	7.0	7.32	8.87	0.32	1.55	1.87
Connecticut	2.9	3.04	2.93	0.14	-0.11	0.03
Delaware	1.6	2.85	2.98	1.25	0.13	1.38
Dist. of C.	1.4	2.08	1.12	0.68	-0.96	-0.28
Florida	14.0	15.14	22.32	1.14	7.18	8.32
Georgia	3.6	6.30	6.42	2.70	0.12	2.82
Hawaii	8.6	12.39	14.27	3.79	1.88	5.67
Idaho	5.3	6.10	7.08	0.80	0.98	1.78
Illinois	7.4	10.57	9.23	3.17	-1.34	1.83
Indiana	1.2	1.82	1.93	0.62	0.11	0.73
Iowa	6.7	7.85	8.12	1.15	0.27	1.42
Kansas	3.9	4.93	4.21	1.03	-0.72	0.31
Kentucky	3.5	4.84	4.86	1.34	0.02	1.36
Louisiana	6.4	6.47	7.39	0.07	0.92	0.99
Maine	2.2	2.75	3.01	0.55	0.26	0.81
Maryland	3.9	6.00	5.89	2.10	-0.11	1.99
Massachusetts	1.7	2.80	3.08	1.10	0.28	1.38
Michigan	6.1	9.00	8.22	2.90	-0.78	2.12
Minnesota	6.9	7.24	8.30	0.34	1.06	1.40
Mississippi	4.8	5.08	5.50	0.28	0.42	0.70
Missouri	3.3	4.03	2.45	0.73	-1.58	-0.85
Montana	6.2	8.01	10.33	1.81	2.32	4.13
Nebraska	4.7	6.26	7.14	1.56	0.88	2.44
Nevada	5.0	5.25	10.88	0.25	5.63	5.88
New Hampshire	3.1	3.44	3.63	0.34	0.19	0.53
New Jersey	4.0	3.33	4.15	-0.67	0.82	0.15
New Mexico	7.3	6.17	6.11	-1.13	-0.06	-1.19
New York	4.3	4.55	4.67	0.25	0.12	0.37
N. Carolina	9.2	10.00	11.78	0.80	1.78	2.58
N. Dakota	6.4	8.83	10.29	2.43	1.46	3.89
Ohio	1.7	2.42	2.70	0.72	0.28	1.00
Oklahoma	2.6	2.81	3.94	0.21	1.13	1.34
Oregon	9.4	13.80	15.72	4.40	1.92	6.32
Pennsylvania	2.5	3.50	3.74	1.00	0.24	1.24
Rhode Island	1.2	1.20	1.08	0.00	-0.12	-0.12
S. Carolina	1.1	3.13	3.02	2.03	-0.11	1.92
S. Dakota	3.7	4.12	4.37	0.42	0.25	0.67
Tennessee	5.1	5.53	6.44	0.43	0.91	1.34
Texas	4.4	5.48	6.54	1.08	1.06	2.14
Utah	12.6	13.34	10.04	0.74	-3.30	-2.56
Vermont	0.5	0.59	0.60	0.09	0.01	0.10
Virginia	3.6	4.28	5.00	0.68	0.72	1.40
Washington	19.7	19.83	12.37	0.13	-7.46	-7.33
W. Virginia	1.6	2.09	1.99	0.49	-0.10	0.39
Wisconsin	11.3	14.53	18.12	3.23	3.59	6.82
Wyoming	5.8	6.52	10.70	0.72	4.18	4.90
Puerto Rico	NA	NA	NA	NA	NA	NA

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1. U.S. Summary.

Table 53 - Adult Vocational Education Enrollment as a Percent of Population 25-64 Years of Age and Change, 1970-71, 1971-72, and 1972-73

States	Adult Vocational Education Enrollment as a Percent of Population 25-64 Years of Age			Difference In Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	3.1	3.38	3.75	0.28	0.37	0.65
Alabama	2.8	3.01	3.57	0.21	0.56	0.77
Alaska	3.0	4.88	7.48	1.88	2.60	4.48
Arizona	2.1	1.88	2.48	-0.22	0.60	0.38
Arkansas	5.3	5.16	5.22	-0.14	0.06	-0.08
California	3.4	3.44	4.22	0.04	0.78	0.82
Colorado	3.7	3.62	3.91	-0.08	0.29	0.21
Connecticut	2.1	1.78	1.80	-0.32	0.02	-0.30
Delaware	1.3	1.65	1.78	0.35	0.13	0.48
Dist. of C.	1.2	0.98	0.84	-0.22	-0.14	-0.36
Florida	5.5	5.93	7.13	0.43	1.20	1.63
Georgia	4.2	5.08	4.56	0.88	-0.52	0.36
Hawaii	2.5	3.26	3.30	0.76	0.04	0.80
Idaho	1.9	2.50	2.77	0.60	0.27	0.87
Illinois	0.9	0.55	1.01	-0.35	0.46	0.11
Indiana	1.7	2.02	1.94	0.32	-0.08	0.24
Iowa	5.5	5.47	7.76	-0.03	2.29	2.26
Kansas	4.9	4.87	4.43	-0.03	-0.44	-0.47
Kentucky	3.5	3.84	4.43	0.34	0.59	0.93
Louisiana	1.9	2.05	2.17	0.15	0.12	0.27
Maine	1.3	2.60	2.89	1.30	0.29	1.59
Maryland	1.6	1.95	1.72	0.35	-0.23	0.12
Massachusetts	0.7	1.16	1.20	0.46	0.04	0.50
Michigan	2.9	2.54	2.79	-0.36	0.25	-0.11
Minnesota	6.0	6.52	7.50	0.52	0.98	1.50
Mississippi	4.4	4.83	5.01	0.43	0.18	0.61
Missouri	1.6	1.77	1.06	0.17	-0.71	-0.54
Montana	2.5	2.95	1.49	0.45	-1.46	-1.01
Nebraska	3.5	4.11	4.40	0.61	0.29	0.90
Nevada	1.5	1.75	2.46	0.25	0.71	0.96
New Hampshire	0.9	1.68	2.05	0.78	0.37	1.15
New Jersey	2.7	2.76	2.86	0.06	0.10	0.16
New Mexico	1.9	1.72	1.71	-0.18	-0.01	-0.19
New York	2.0	2.46	2.64	0.46	0.18	0.64
N. Carolina	7.7	9.38	10.52	1.68	1.14	2.82
N. Dakota	1.9	3.28	2.99	1.38	-0.29	1.09
Ohio	4.1	4.17	4.27	0.07	0.10	0.17
Oklahoma	3.4	3.58	3.13	0.18	-0.45	-0.27
Oregon	3.3	4.02	3.55	0.72	-0.47	0.25
Pennsylvania	2.0	2.00	2.05	0.00	0.05	0.05
Rhode Island	1.3	1.36	1.07	0.06	-0.29	-0.23
S. Carolina	1.5	1.67	1.38	0.17	-0.29	-0.12
S. Dakota	2.0	1.80	2.24	-0.20	0.44	0.24
Tennessee	1.9	2.21	2.54	0.31	0.33	0.64
Texas	5.0	5.50	6.19	0.50	0.69	1.19
Utah	4.2	6.09	6.52	1.89	0.43	2.32
Vermont	1.5	2.46	2.28	0.96	-0.18	0.78
Virginia	4.7	5.93	5.76	1.23	-0.17	1.06
Washington	3.7	4.41	7.08	0.71	2.67	3.38
W. Virginia	3.1	2.88	2.58	-0.22	-0.30	-0.52
Wisconsin	5.0	5.45	5.94	0.45	0.49	0.94
Wyoming	0.7	0.68	1.02	-0.02	0.34	0.32
Puerto Rico	NA	NA	NA	NA	NA	NA

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

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Table 54 - Enrollment of Disadvantaged Vocational Education Students as a Percent of Total Vocational Education Enrollment and Change, 1970-71, 1971-72 and 1972-73

States	Enrollment of Disadvantaged Vocational Education Students as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	13.24[1]	13.88[1]	13.10	0.64	-0.78	-0.14[2]
Alabama	17.78	16.45	11.39	-1.33	-5.06	-6.39
Alaska	61.89	53.84	45.33	-8.05	-8.51	-16.56
Arizona	20.15	11.65	10.29	-8.50	-1.36	-9.86
Arkansas	28.41	28.40	20.08	-0.01	-8.32	-8.33
California	16.35	14.17	11.78	-0.18	-2.39	-2.57
Colorado	3.84	1.53	2.08	-2.31	0.55	-1.76
Connecticut	29.36	30.79	42.37	1.43	11.58	13.01
Delaware	29.23	25.58	25.38	-3.65	-0.20	-3.85
Dist. of C.	15.23	36.99	43.82	21.76	6.83	28.59
Florida	11.72	15.70	10.00	3.98	-5.70	-1.72
Georgia	25.35	25.05	18.58	-0.30	-6.47	-6.77
Hawaii	4.13	19.21	18.10	15.08	-1.11	13.97
Idaho	2.90	4.96	4.06	2.06	-0.90	1.16
Illinois	9.00	4.77	11.16	-4.23	6.39	2.16
Indiana	3.02	2.99	2.91	-0.03	-0.08	-0.11
Iowa	9.09	13.43	24.64	4.34	11.21	15.55
Kansas	12.70	8.85	10.08	-3.85	1.23	-2.62
Kentucky	7.17	15.72	15.01	8.55	-0.71	7.84
Louisiana	31.87	39.15	40.74	7.28	1.59	8.87
Maine	2.53	2.09	6.63	-0.44	4.54	4.10
Maryland	19.04	15.26	5.16	-3.78	-10.10	-13.88
Massachusetts	2.85	4.24	4.61	1.39	0.37	1.76
Michigan	6.05	5.66	2.27	-0.39	-3.39	-3.78
Minnesota	3.80	3.25	2.64	-0.55	-0.61	-1.16
Mississippi	6.91	7.13	6.26	0.22	-0.87	-0.65
Missouri	7.49	7.41	11.80	-0.08	4.39	4.31
Montana	10.93	13.91	5.37	2.98	-8.54	-5.56
Nebraska	4.34	10.93	10.12	6.59	-0.81	5.78
Nevada	15.11	11.91	7.78	-3.20	-4.13	-7.33
New Hampshire	1.24	5.52	5.29	4.28	-0.23	4.05
New Jersey	5.00	7.20	5.18	2.20	-2.02	0.18
New Mexico	43.37	42.82	18.45	-0.55	-24.37	-24.92
New York	20.93	25.64	25.42	4.71	-0.22	4.49
N. Carolina	11.36	9.89	5.51	-1.47	-4.38	-5.85
N. Dakota	20.51	24.60	25.86	4.09	1.26	5.35
Ohio	19.38	15.82	14.22	-3.56	-1.60	-5.16
Oklahoma	23.95	25.41	16.76	1.46	-8.65	-7.19
Oregon	17.54	15.74	12.64	-1.80	-3.10	-4.90
Pennsylvania	7.69	7.24	10.13	-0.45	2.89	2.44
Rhode Island	14.12	14.28	15.42	0.16	1.14	1.30
S. Carolina	18.87	17.63	4.58	-1.24	-13.05	-14.29
S. Dakota	14.78	16.47	5.87	1.69	-10.60	-8.91
Tennessee	9.42	21.27	18.13	11.85	-3.14	8.71
Texas	9.34	14.91	16.15	5.57	1.24	6.81
Utah	9.08	15.96	13.80	6.88	-2.16	4.72
Vermont	20.83	19.97	4.70	-0.86	-15.27	-16.13
Virginia	14.82	13.65	7.94	-1.17	-5.71	-6.88
Washington	3.30	4.25	6.99	0.95	2.74	3.69
W. Virginia	6.83	4.25	3.22	-2.58	-1.03	-3.61
Wisconsin	6.90	6.27	6.13	-0.63	-0.14	-0.77
Wyoming	3.50	11.70	11.94	8.20	0.24	8.44
Puerto Rico	42.48	42.42	43.66	-0.06	1.24	1.18

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

[2] Redefinition of "disadvantaged" by many States has resulted in a lower percentage of disadvantaged students in vocational education. According to the Federal Government only those students in special disadvantaged programs or disadvantaged students in regular programs who receive special services, may be counted as disadvantaged.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 55 - Enrollment of Handicapped Vocational Education Students as a Percent of Total Vocational Education Enrollment and Change, 1970-71, 1971-72 and 1972-73

States	Handicapped Vocational Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	1.94[1]	1.91[1]	1.85	-0.03	-0.06	-0.09[2]
Alabama	2.14	1.63	0.99	-0.51	-0.64	-1.15
Alaska	4.79	3.20	1.26	-1.59	-1.94	-3.53
Arizona	0.46	1.13	1.09	0.67	-0.04	0.63
Arkansas	2.94	2.97	2.06	0.03	-0.91	-0.88
California	4.22	1.40	1.45	-2.82	0.05	-2.77
Colorado	0.62	2.51	1.88	1.89	-0.63	1.26
Connecticut	0.67	0.64	0.65	-0.03	0.01	-0.02
Delaware	1.39	11.71	10.[illegible]	10.32	-0.86	9.46
Dist. of C.	2.02	2.87	[illegible]	0.85	-0.45	0.40
Florida	1.26	1.57	1.[illegible]	0.31	0.02	0.33
Georgia	7.71	6.84	3.51	-0.87	-3.33	-4.20
Hawaii	2.29	3.14	1.95	0.85	-1.19	-0.34
Idaho	0.67	0.59	0.83	-0.08	0.24	0.16
Illinois	0.95	1.01	1.34	0.06	0.33	0.39
Indiana	0.92	0.71	1.32	-0.21	0.61	0.40
Iowa	2.69	1.69	3.24	-1.00	1.55	0.55
Kansas	4.11	3.72	3.12	-0.39	-0.60	-0.99
Kentucky	1.10	2.22	1.65	1.12	-0.57	0.55
Louisiana	0.[illegible]0	0.66	0.70	0.06	0.04	0.10
Maine	0.75	0.97	0.99	0.22	0.02	0.24
Maryland	4.71	3.67	2.18	-1.04	-1.49	-2.53
Massachusetts	0.67	1.63	0.93	0.96	-0.70	0.26
Michigan	0.58	0.36	1.03	-0.22	0.67	0.45
Minnesota	2.05	1.75	0.74	-0.30	-1.01	-1.31
Mississippi	2.34	2.24	2.24	-0.10	0.00	-0.10
Missouri	1.41	2.19	3.83	0.78	1.64	2.42
Montana	3.85	2.85	1.41	-1.00	-1.44	-2.44
Nebraska	2.17	2.83	3.60	0.66	0.77	1.43
Nevada	0.61	0.43	0.27	-0.18	-0.16	-0.34
New Hampshire	0.48	1.01	1.41	0.53	0.40	0.93
New Jersey	1.91	1.48	1.45	-0.43	-0.03	-0.46
New Mexico	2.22	2.24	1.73	0.02	-0.51	-0.49
New York	0.70	0.86	0.97	0.16	0.11	0.27
N. Carolina	2.08	1.52	0.91	-0.56	-0.61	-1.17
N. Dakota	2.95	2.71	3.44	-0.24	0.73	0.49
Ohio	2.81	4.30	2.76	1.49	-1.54	-0.05
Oklahoma	3.92	7.94	9.20	4.02	1.26	5.28
Oregon	1.13	1.42	1.79	0.29	0.37	0.66
Pennsylvania	1.36	2.02	3.77	0.66	1.75	2.41
Rhode Island	2.08	1.96	1.99	-0.12	0.03	-0.09
S. Carolina	3.38	3.81	2.06	0.43	-1.75	-1.32
S. Dakota	3.61	3.89	0.81	0.28	-3.08	-2.80
Tennessee	0.83	3.65	3.16	2.82	-0.49	2.33
Texas	0.58	2.00	1.68	1.42	-0.32	1.10
Utah	2.08	1.39	1.77	-0.69	0.38	-0.31
Vermont	1.24	2.14	1.84	0.90	-0.30	0.60
Virginia	1.13	1.68	3.04	0.55	1.36	1.91
Washington	1.42	1.88	2.36	0.46	0.48	0.94
W. Virginia	1.37	1.41	1.34	0.04	-0.07	-0.03
Wisconsin	1.13	1.31	1.58	0.18	0.27	0.45
Wyoming	1.71	1.49	1.51	-0.22	0.02	-0.20
Puerto Rico	0.59	1.25	1.48	0.66	0.23	0.89

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

[2] Redefintion of "handicapped" by many States has resulted in a lower percentage of handicapped students in vocational education. According to the Federal Government only those students in special handicapped programs or handicapped students in regular programs who receive special services, may be counted as handicapped.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D C., FY 1971, 1972 and FY 1973.

Table 56 - Enrollment of Disadvantaged & Handicapped Students and Percent of Change, 1970-71, 1971-72 and 1972-73

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States	Enrollment of Disadvantaged Students			Percent of Change			Enrollment of Handicapped Students			Percent of Change		
	1970-71	1971-72	1972-73	71-72 FY	72-73 FY	71-73 FY	1970-71	1971-72	1972-73	71-72 FY	72-73 FY	71-73 FY
U.S. TOTAL	1,388,428[1]	1,608,187[1]	1,581,025	15.83	-1.69	13.87	202,910[1]	221,295[1]	222,713	9.06	0.64	9.76
Alabama	27,300	27,396	21,206	0.35	-22.59	-22.32	3,288	2,720	1,338	-17.27	-32.43	-44.10
Alaska	8,187	11,278	11,300	37.75	0.20	38.02	634	671	315	5.84	-53.06	-50.32
Arizona	17,910	12,075	13,896	-32.58	15.08	-22.41	406	1,171	1,466	188.42	25.19	261.08
Arkansas	30,977	32,905	23,936	6.22	-27.26	-22.73	3,204	3,442	2,456	7.43	-28.65	-23.35
California	174,733	174,888	144,656	0.09	-17.29	-17.21	51,447	17,248	17,745	-66.47	2.88	-65.51
Colorado	4,162	1,549	2,277	-62.78	47.00	-45.29	675	2,549	2,060	277.63	-19.18	205.19
Connecticut	39,206	53,897	76,361	37.47	41.68	94.77	889	1,125	1,164	26.55	3.47	30.93
Delaware	10,636	11,108	12,417	4.44	11.78	16.75	504	5,084	5,308	908.73	4.41	953.17
Dist. of C.	1,698	4,000	7,112	135.57	77.80	318.85	225	310	392	37.78	26.45	74.22
Florida	54,077	94,983	70,883	75.64	-25.37	31.08	5,819	9,502	11,245	63.29	18.34	93.25
Georgia	68,997	76,539	63,927	10.93	-16.48	-7.35	20,988	20,908	12,676	-0.38	-42.24	-42.46
Hawaii	1,837	8,663	7,798	371.58	-9.98	324.50	1,020	1,414	839	38.63	-40.66	-17.75
Idaho	881	1,658	1,491	88.20	-10.07	69.24	205	198	303	-3.41	53.03	47.80
Illinois	110,471	65,823	121,730	-40.42	84.94	10.19	11,623	13,894	14,597	19.54	5.06	25.59
Indiana	3,961	4,619	4,578	16.61	-0.89	15.58	1,203	1,091	2,076	-9.31	90.28	72.57
Iowa	11,623	17,920	40,041	54.18	123.44	244.50	3,439	2,256	5,258	-34.40	133.07	52.89
Kansas	12,332	9,298	9,891	-24.60	6.38	-19.79	3,988	3,904	3,061	-2.11	-21.59	-23.24
Kentucky	10,413	25,910	27,818	148.82	7.36	167.15	1,602	3,665	3,061	128.78	-16.48	91.07
Louisiana	55,377	69,050	75,379	24.[illegible]	9.17	35.63	1,048	1,163	1,303	10.97	12.04	24.33
Maine	594	625	2,673	5.22	327.68	350.00	177	291	401	64.41	37.80	126.55
Maryland	30,982	32,863	11,965	6.07	-63.59	-61.38	7,658	7,908	5,058	3.26	-36.04	-33.95
Massachusetts	3,478	6,948	8,122	99.77	16.90	133.53	812	2,669	1,642	228.69	-38.48	102.22
Michigan	19,349	19,426	7,969	0.40	-58.98	-58.81	1,855	1,234	3,622	-33.48	193.52	95.26
Minnesota	10,888	9,801	7,813	-9.98	-20.28	-28.24	5,856	5,271	2,205	-9.99	-58.17	-62.35
Mississippi	7,357	8,221	7,884	11.74	-4.10	7.16	2,490	2,584	2,817	3.78	9.02	13.13
Missouri	11,247	12,483	12,210	10.99	-2.19	8.56	2,115	3,695	3,959	74.70	7.14	87.19
Montana	2,988	4,754	1,781	59.10	-62.54	-40.39	1,053	974	468	-7.50	-51.95	-55.56
Nebraska	2,834	8,075	8,500	184.93	5.26	199.93	1,417	2,092	3,022	47.64	44.46	113.27
Nevada	2,819	2,612	2,805	-7.34	7.39	-0.50	114	94	97	-17.54	3.19	-14.91
New Hampshire	547	1,943	2,036	255.21	4.79	272.21	213	357	544	67.61	52.38	155.40
New Jersey	16,484	24,664	18,841	49.62	-23.61	14.30	6,292	5,067	5,260	-19.47	3.81	-16.40
New Mexico	22,817	24,414	12,173	7.00	-50.14	-46.65	1,167	1,279	1,140	9.60	-10.87	-2.31
New York	174,093	235,845	242,203	35.47	2.70	39.12	5,807	7,901	9,246	36.06	17.02	59.22
N. Carolina	47,240	48,211	29,991	2.06	-37.79	-36.51	8,635	7,431	4,957	-13.94	-33.29	-42.59
N. Dakota	5,377	8,030	9,543	49.34	18.87	77.52	774	884	1,269	14.21	43.55	63.95
Ohio	80,818	70,733	83,425	-12.48	17.94	3.23	11,706	19,238	16,221	64.34	-15.68	38.57
Oklahoma	25,117	27,451	18,827	9.29	-31.42	-25.04	4,107	8,580	10,341	108.91	20.52	151.79
Oregon	19,610	21,196	16,413	8.09	-22.57	-16.30	1,265	1,917	2,330	51.54	21.54	84.19
Pennsylvania	25,984	23,712	36,104	-8.74	52.26	38.95	4,597	6,631	13,434	44.25	102.59	192.23
Rhode Island	2,593	2,855	3,880	10.10	35.90	49.63	383	392	500	2.35	27.55	30.55
S. Carolina	19,314	19,592	5,765	1.44	-70.57	-70.15	3,436	4,232	2,[illegible]4	22.45	-38.71	-24.94
S. Dakota	3,751	4,344	1,725	15.81	-60.29	-54.01	916	1,026	238	12.01	-76.80	-74.02
Tennessee	13,523	32,498	29,568	140.32	-9.02	118.65	1,197	5,579	5,160	366.08	-7.51	331.08
Texas	56,790	96,582	114,846	70.07	18.91	102.23	3,543	12,972	11,920	266.13	-8.11	236.44
Utah	9,874	18,382	14,627	86.17	-20.43	48.14	2,258	1,604	1,872	-28.96	16.71	-17.09
Vermont	2,800	3,385	883	20.89	-73.91	-68.46	167	363	345	117.37	-4.96	106.59
Virginia	44,733	45,909	29,511	2.63	-35.72	-34.03	3,400	5,658	11,299	66.41	99.70	232.32
Washington	7,629	10,946	18,370	43.48	67.82	140.79	3,284	4,860	6,196	47.99	27.49	88.67
W. Virginia	4,042	2,702	2,050	-33.15	-24.13	-49.28	812	895	852	10.22	-4.80	4.93
Wisconsin	13,096	15,892	18,497	21.35	16.39	41.24	2,145	3,316	4,777	54.59	44.06	122.70
Wyoming	578	2,314	2,381	300.35	2.90	311.94	282	294	302	4.26	2.72	7.09
Puerto Rico	54,104	57,221	60,945	5.76	6.51	12.64	750	1,692	2,063	125.60	21.47	175.92

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 57 - Enrollment in Vocational Agriculture and Percent of Change, 1970-71, 1971-72 and 1972-73

States	Enrollment in Vocational Agriculture			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	844,305[1]	895,866[1]	927,141	6.08	3.49	9.79
Alabama	47,070	47,186	46,286	0.25	-1.91	-1.67
Alaska	0	51	178	--	249.02	--
Arizona	3,828	4,290	4,651	12.07	8.41	21.50
Arkansas	20,968	22,785	23,837	8.67	4.62	13.68
California	48,519	53,999	61,149	11.29	13.24	26.03
Colorado	3,853	4,243	4,075	10.12	-3.96	5.76
Connecticut	1,890	2,059	2,059	8.94	0.00	8.94
Delaware	1,458	1,426	1,821	-2.19	27.70	24.90
Dist. of C.	123	178	36	44.72	-79.78	-70.73
Florida	25,573	35,066	36,934	37.12	5.33	44.43
Georgia	39,290	40,769	49,160	3.76	20.58	25.12
Hawaii	2,700	2,348	2,423	-13.04	3.19	-10.26
Idaho	4,736	5,336	5,510	12.67	3.26	16.34
Illinois	24,292	30,335	26,948	24.88	-11.17	10.93
Indiana	20,783	24,353	22,705	17.18	-6.77	9.25
Iowa	29,060	29,813	34,909	2.59	17.09	20.13
Kansas	9,365	10,210	10,270	9.02	0.59	9.66
Kentucky	19,316	20,190	21,829	4.52	8.12	13.01
Louisiana	19,962	19,398	19,801	-2.83	2.08	-0.81
Maine	899	690	1,201	-23.25	74.06	33.59
Maryland	3,275	3,789	4,473	15.69	18.05	36.58
Massachusetts	983	2,149	2,725	118.62	26.80	177.21
Michigan	14,435	13,897	14,583	-3.73	4.94	1.03
Minnesota	31,917	34,180	43,445	7.09	27.11	36.12
Mississippi	22,403	21,627	20,550	-3.46	-4.98	-8.27
Missouri	17,015	17,711	13,273	4.09	-25.06	-21.99
Montana	3,589	3,689	3,396	2.79	-7.94	-5.38
Nebraska	7,537	8,223	10,081	9.10	22.60	33.75
Nevada	886	1,548	1,718	74.72	10.98	93.91
New Hampshire	1,314	1,414	1,569	7.61	10.96	19.41
New Jersey	2,205	2,352	2,768	6.67	17.69	25.53
New Mexico	4,226	4,149	5,129	-1.82	23.62	21.37
New York	13,101	18,420	19,278	40.60	4.66	47.15
N. Carolina	31,174	33,768	30,722	8.32	-9.02	-1.45
N. Dakota	4,987	5,632	6,779	12.93	20.37	35.93
Ohio	29,862	34,355	39,359	15.05	14.57	31.80
Oklahoma	23,845	23,768	25,386	-0.32	6.81	6.46
Oregon	4,193	5,048	4,596	20.39	-8.95	9.61
Pennsylvania	14,352	14,052	15,345	-2.09	9.20	6.92
Rhode Island	1,160	1,231	1,183	6.12	-3.90	1.98
S. Carolina	23,073	21,351	10,564	-7.46	-50.52	-54.21
S. Dakota	4,652	4,612	4,593	-0.86	-0.41	-1.27
Tennessee	22,342	20,988	20,988	-6.06	0.00	-6.06
Texas	146,988	148,572	143,656	1.08	-3.31	-2.27
Utah	6,996	5,663	5,028	-19.05	-11.21	-28.13
Vermont	1,304	1,398	1,525	7.21	9.08	16.95
Virginia	28,557	28,878	30,389	1.12	5.23	6.42
Washington	16,080	15,680	23,717	-2.49	51.26	47.49
W. Virginia	4,563	4,772	4,671	4.58	-2.12	2.37
Wisconsin	25,408	28,964	30,679	14.00	5.92	20.75
Wyoming	1,937	1,933	2,046	-0.21	5.85	5.63
Puerto Rico	6,461	7,328	7,145	13.42	-2.50	10.59

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Table 58 - Enrollment in Agricultural Education as a Percent of Total Vocational Education and Change, 1970-71, 1971-72 and 1972-73

States	Agricultural Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	8.04[1]	7.68[1]	7.61	-0.36[1]	-0.07	-0.43
Alabama	30.65	28.34	24.86	-2.31	-3.48	-5.79
Alaska	0.00	0.24	0.71	0.24	0.47	0.71
Arizona	4.31	4.14	3.45	-0.17	-0.69	-0.86
Arkansas	19.23	19.66	19.99	0.43	0.33	0.76
California	3.98	4.38	4.98	0.40	0.60	1.00
Colorado	3.55	4.18	3.72	0.63	-0.46	0.17
Connecticut	1.42	1.18	1.14	-0.24	-0.04	-0.28
Delaware	4.01	3.28	3.72	-0.73	0.44	-0.29
Dist. of C.	1.10	1.65	0.22	0.55	-1.43	-0.88
Florida	5.54	5.80	5.21	0.26	-0.59	-0.33
Georgia	14.43	13.23	14.29	-1.20	1.06	-0.14
Hawaii	6.07	5.21	5.23	-0.86	0.02	-0.84
Idaho	15.57	15.95	15.01	0.38	-0.94	-0.56
Illinois	1.98	2.20	2.47	0.22	0.27	0.49
Indiana	15.82	15.76	14.43	-0.06	-1.33	-1.39
Iowa	22.72	22.34	21.48	-0.38	-0.86	-1.24
Kansas	9.64	9.61	10.47	-0.03	0.86	0.83
Kentucky	12.64	11.94	11.78	-0.70	-0.16	-0.86
Louisiana	11.45	11.00	10.70	-0.45	-0.30	-0.75
Maine	3.83	2.31	2.98	-1.52	0.67	0.85
Maryland	2.01	1.76	1.82	-0.25	0.06	-0.19
Massachusetts	0.81	1.31	1.55	0.50	0.24	0.74
Michigan	4.51	4.05	4.15	-0.46	0.10	-0.36
Minnesota	11.15	11.34	14.66	0.19	3.32	3.51
Mississippi	21.03	18.76	16.31	-2.27	-2.45	-4.72
Missouri	11.32	10.41	12.83	-0.91	2.42	1.51
Montana	13.13	10.79	10.24	-2.34	-0.55	-2.89
Nebraska	11.54	11.13	12.00	-0.41	0.87	0.46
Nevada	4.75	5.40	4.76	0.65	-0.64	0.01
New Hampshire	2.97	4.02	4.08	1.05	0.06	1.11
New Jersey	0.67	0.69	0.75	0.02	0.06	0.08
New Mexico	8.03	7.28	7.77	-0.75	0.49	-0.26
New York	1.57	2.[illegible]	2.02	0.43	0.02	0.45
N. Carolina	7.50	6.85	5.64	-0.65	-1.21	-1.86
N. Dakota	19.02	17.26	18.37	-1.76	1.11	-0.65
Ohio	7.16	7.68	6.71	0.52	-0.97	-0.45
Oklahoma	21.61	19.91	19.84	-1.70	-0.07	-1.77
Oregon	3.75	3.75	3.54	0.00	-0.21	-0.21
Pennsylvania	4.25	4.24	4.15	-0.01	-0.09	-0.10
Rhode Island	6.31	6.16	4.70	-0.15	-1.46	-1.61
S. Carolina	22.54	19.21	8.40	-3.33	-10.81	-14.14
S. Dakota	18.33	17.49	15.64	-0.84	-1.85	-2.69
Tennessee	15.56	13.76	12.37	-1.80	-1.39	-3.19
Texas	24.17	22.93	20.20	-1.24	-2.73	-3.97
Utah	6.43	3.82	3.82	-2.61	0.00	-2.61
Vermont	9.7[illegible]	8.07	8.12	-1.63	0.05	-1.58
Virginia	9.46	8.58	8.17	-0.88	-0.41	-1.29
Washington	6.96	6.08	7.91	-0.88	1.83	0.95
W. Virginia	7.71	7.51	7.33	-0.20	-0.18	-0.38
Wisconsin	13.39	11.43	10.16	-1.96	-1.27	-3.23
Wyoming	11.73	9.77	10.26	-1.96	0.49	-1.47
Puerto Rico	5.07	5.43	5.12	0.36	-0.31	0.05

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 59 - Vocational Education Enrollment In Distributive Education and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Enrollment in Distributive Education			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	578,066[1]	640,122[1]	738,449	10.74	15.36	27.74
Alabama	5,405	8,796	7,786	62.74	-11.48	44.05
Alaska	1,990	2,414	4,455	21.31	84.55	123.87
Arizona	9,340	12,608	14,431	34.99	14.46	54.51
Arkansas	6,456	5,436	5,635	-15.80	3.66	-12.72
California	67,237	70,494	80,479	4.84	14.16	19.69
Colorado	8,490	11,529	11,803	35.80	2.38	39.02
Connecticut	3,549	4,256	4,067	19.92	-4.44	14.60
Delaware	1,928	2,302	2,625	19.40	14.03	36.15
Dist. of C.	759	860	550	13.31	-36.05	-27.54
Florida	40,848	55,350	69,433	35.50	25.44	69.98
Georgia	14,646	12,864	16,730	-12.17	30.05	14.23
Hawaii	1,557	1,680	2,106	7.90	25.36	35.26
Idaho	1,069	1,271	1,641	18.90	29.11	53.51
Illinois	23,456	23,808	30,107	1.50	26.46	28.36
Indiana	5,012	6,704	8,118	33.76	21.09	61.97
Iowa	4,809	4,336	5,041	-9.84	16.26	4.82
Kansas	8,841	6,840	6,794	-22.63	-0.67	-23.15
Kentucky	9,713	11,943	9,817	22.96	-17.80	1.07
Louisiana	9,304	10,153	11,531	9.13	13.57	23.94
Maine	824	696	1,440	15.53	106.90	74.76
Maryland	4,444	4,795	4,814	7.90	0.40	8.33
Massachusetts	3,984	6,628	7,456	66.37	12.49	87.15
Michigan	34,405	38,872	42,725	12.98	9.91	24.18
Minnesota	14,760	15,821	17,609	7.19	11.30	19.30
Mississippi	4,791	6,471	6,976	35.07	7.80	45.61
Missouri	11,460	11,864	11,354	3.53	-4.30	-0.92
Montana	1,489	1,667	1,626	11.95	-2.46	9.20
Nebraska	4,391	4,833	5,589	10.07	15.64	27.28
Nevada	637	962	818	51.02	-14.97	28.41
New Hampshire	285	418	572	46.67	36.84	100.70
New Jersey	14,115	10,883	12,219	-22.90	12.28	-13.43
New Mexico	1,763	1,861	2,318	5.44	24.56	31.33
New York	37,377	28,527	29,973	-23.68	5.07	-19.81
N. Carolina	16,844	18,697	26,854	11.00	43.63	59.43
N. Dakota	940	2,173	1,147	131.17	-47.22	22.02
Ohio	39,895	44,833	65,478	12.38	46.05	64.13
Oklahoma	5,040	5,921	6,442	17.48	8.80	27.82
Oregon	5,685	5,775	5,578	1.58	-3.41	-1.88
Pennsylvania	11,454	12,055	11,996	5.25	-0.49	4.73
Rhode Island	859	888	1,240	3.38	39.64	44.35
S. Carolina	3,989	4,919	5,160	23.31	4.90	29.36
S. Dakota	1,073	1,465	1,668	36.53	13.86	55.45
Tennessee	10,011	7,919	9,700	-20.90	22.49	-3.11
Texas	39,707	40,787	57,834	2.72	41.80	45.65
Utah	6,544	8,478	9,550	29.55	12.64	45.94
Vermont	519	751	804	44.70	7.06	54.91
Virginia	43,982	53,352	46,363	21.30	-13.10	5.41
Washington	11,039	16,764	20,384	51.86	21.59	84.65
W. Virginia	767	1,165	1,361	51.89	16.82	77.44
Wisconsin	9,417	14,295	17,085	51.80	19.52	81.43
Wyoming	802	839	937	4.61	11.68	16.83
Puerto Rico	10,363	11,104	10,231	7.15	-7.86	-1.27

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Table 60 - Enrollment in Distributive Education
As a Percent of Total Vocational Education
and Change, 1970-71, 1971-72, and 1972-73

States	Distributive Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	5.51[1]	5.49[1]	6.06	-0.02[1]	0.57	0.55
Alabama	3.52	5.28	4.18	1.76	-1.10	0.66
Alaska	1[illegible].04	11.52	17.87	-3.52	6.35	2.83
Arizona	10.51	12.16	10.69	1.65	-1.47	0.18
Arkansas	5.92	4.69	4.73	-1.23	0.04	-1.19
California	5.52	5.71	6.55	0.19	0.84	1.03
Colorado	7.83	11.36	10.79	3.53	-0.57	2.96
Connecticut	2.6[illegible]	2.43	2.26	-0.23	-0.[illegible]7	-0.40
Delaware	5.30	5.30	5.36	0.00	0.06	0.06
Dist. of C.	6.81	7.95	3.39	1.14	-4.56	-3.42
Florida	8.85	9.15	9.79	0.30	0.64	0.94
Georgia	5.38	4.18	4.86	-1.20	0.68	-0.52
Hawaii	3.50	3.73	4.55	0.23	0.82	1.05
Idaho	3.51	3.80	4.47	0.29	0.67	0.96
Illinois	1.91	1.73	2.76	-0.18	1.03	0.85
Indiana	3.82	4.34	5.16	0.52	0.82	1.34
Iowa	3.76	3.25	3.10	-0.51	-0.15	-0.66
Kansas	9.10	6.44	6.93	-2.66	0.49	-2.17
Kentucky	6.36	7.07	5.30	0.71	-1.77	-1.06
Louisiana	5.33	5.76	6.23	0.43	0.47	0.90
Maine	3.51	2.33	3.57	-1.18	1.24	0.06
Maryland	2.73	2.23	1.96	-0.50	-0.27	-0.77
Massachusetts	3.27	4.05	4.23	0.78	0.18	0.96
Michigan	10.75	11.33	12.17	0.58	0.84	1.42
Minnesota	5.16	5.25	5.94	0.09	0.69	0.78
Mississippi	4.50	5.61	5.54	1.11	-0.07	1.04
Missouri	7.63	6.97	10.97	-0.66	4.00	3.34
Montana	5.45	4.88	4.90	-0.57	0.02	-0.55
Nebraska	6.72	6.54	6.66	-0.18	0.12	-0.06
Nevada	3.41	3.36	2.27	-0.05	-1.09	-1.14
New Hampshire	0.65	1.19	1.49	0.54	0.30	0.84
New Jersey	4.28	3.18	3.33	-1.10	0.15	-0.95
New Mexico	3.36	3.26	3.51	-0.10	0.25	0.15
New York	4.49	3.10	3.15	-1.39	0.05	-1.34
N. Carolina	4.05	3.79	4.93	-0.26	1.14	0.88
N. Dakota	3.59	6.66	3.11	3.07	-3.55	-0.48
Ohio	9.57	10.03	11.16	0.46	1.13	1.11
Oklahoma	4.57	4.96	5.03	0.39	0.07	0.46
Oregon	5.08	4.29	4.30	-0.79	0.01	-0.78
Pennsylvania	3.39	3.63	3.24	0.24	-0.39	-0.15
Rhode Island	4.68	4.44	4.93	-0.24	0.49	0.25
S. Carolina	3.90	4.43	4.10	0.53	-0.33	0.20
S. Dakota	4.23	5.56	5.68	1.3[illegible]	0.12	1.45
Tennessee	6.97	5.19	5.72	-1.78	0.53	-1.25
Texas	6.53	6.30	8.13	-0.23	1.83	1.60
Utah	6.01	5.72	7.25	-0.2[illegible]	1.53	1.24
Vermont	3.86	4.34	4.28	0.48	-0.06	0.42
Virginia	14.57	15.86	12.47	[illegible].29	-3.39	-2.10
Washington	4.78	6.50	6.80	[illegible].72	0.30	2.02
W. Virginia	1.30	1.83	2.13	0.[illegible]	0.30	0.83
Wisconsin	4.96	5.64	5.66	0.68	0.02	0.70
Wyoming	4.80	4.24	4.70	-0.62	0.46	-0.16
Puerto Rico	8.14	8.23	7.33	0.09	-0.90	-0.81

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 61 - Enrollment in Vocational Health Occupations and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Enrollment in Health Occupations			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	269,493[1]	336,611[1]	421,008	24.90	25.07	56.22
Alabama	2,975	2,876	4,287	-3.33	49.06	44.10
Alaska	128	402	392	214.06	-2.49	206.25
Arizona	3,636	8,080	6,757	122.22	-16.37	85.84
Arkansas	1,981	3,018	3,663	52.35	21.37	84.91
California	37,226	43,555	49,590	17.00	13.86	33.21
Colorado	3,873	3,046	3,780	-21.35	24.10	-2.40
Connecticut	1,954	2,728	2,987	39.61	9.49	52.87
Delaware	468	729	804	55.77	10.29	71.79
Dist. of C.	727	650	651	-10.59	9.15	-10.45
Florida	15,617	21,113	31,106	35.18	47.33	99.15
Georgia	5,079	6,514	10,362	28.25	59.07	104.02
Hawaii	475	461	617	-2.95	33.84	29.89
Idaho	711	1,548	1,302	1[illegible]7.72	-15.89	83.12
Illinois	11,438	17,682	18,331	54.59	3.67	60.26
Indiana	2,644	4,136	4,625	56.43	11.82	74.92
Iowa	8,226	11,430	21,609	[illegible].95	89.06	162.69
Kansas	1,298	1,390	1,880	7.09	35.25	44.84
Kentucky	2,508	3,325	4,008	32.58	20.54	59.81
Louisiana	3,378	4,547	6,451	34.61	41.87	90.97
Maine	922	529	1,490	-42.62	181.66	61.61
Maryland	2,312	3,819	4,384	65.18	14.79	89.62
Massachusetts	3,046	4,382	6,417	43.86	46.44	110.67
Michigan	10,063	14,598	18,524	45.07	26.89	84.08
Minnesota	4,191	4,468	6,399	6.61	43.22	52.68
Mississippi	2,046	2,573	2,930	25.76	13.87	43.21
Missouri	5,269	7,394	5,332	[illegible].33	-27.89	1.20
Montana	582	595	665	2.23	11.76	14.26
Nebraska	2,475	4,842	6,197	95.64	27.98	150.38
Nevada	726	1,867	1,840	157.16	-1.45	153.44
New Hampshire	517	1,061	1,153	105.22	8.67	123.02
New Jersey	6,095	7,889	10,720	29.43	35.89	75.88
New Mexico	1,075	1,538	1,502	43.07	-2.34	39.72
New York	34,287	32,851	37,801	-4.19	15.07	10.25
N. Carolina	20,588	28,389	34,219	37.89	20.54	66.21
N. Dakota	958	848	969	-11.48	14.27	1.15
Ohio	8,628	8,820	17,324	2.23	96.42	100.79
Oklahoma	2,958	4,628	4,179	56.46	-9.70	41.28
Oregon	2,872	4,541	4,962	58.11	9.27	72.77
Pennsylvania	9,723	12,665	14,138	32.32	9.90	45.41
Rhode Island	950	999	857	5.16	-14.21	-9.79
S. Carolina	1,440	1,171	2,217	-18.68	89.33	53.96
S. Dakota	372	470	523	26.34	11.28	40.59
Tennessee	3,931	3,697	5,315	-5.95	43.77	35.21
Texas	13,876	16,902	24,088	21.81	42.52	73.59
Utah	1,830	1,842	1,821	0.66	-1.14	-0.49
Vermont	249	436	561	75.10	28.67	125.30
Virginia	4,076	5,122	6,630	25.66	29.44	62.66
Washington	7,672	6,957	9,122	-9.32	31.12	18.90
W. Virginia	1,079	1,662	1,595	54.03	-4.03	47.82
Wisconsin	8,625	9,577	12,065	11.04	25.98	39.88
Wyoming	178	192	236	7.87	22.92	32.58
Puerto Rico	1,540	1,857	1,631	20.58	-12.17	5.91

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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able 62 - Enrollment in Health Occupations as a Percent of Total Vocational Education and Change, 1970-71, 1971-72 and 1972-73

States	Health Occupations Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	2.57[1]	2.89[1]	3.46	0.32[1]	0.57	0.89
Alabama	1.94	1.73	2.30	-0.21	0.57	0.36
Alaska	0.97	1.92	1.57	0.95	-0.35	0.60
Arizona	4.09	7.80	5.01	3.71	-2.79	0.92
Arkansas	1.82	2.60	3.07	0.78	0.47	1.25
California	3.06	3.53	4.04	0.47	0.51	0.98
Colorado	3.57	3.00	3.46	-0.57	0.46	-0.11
Connecticut	1.46	1.56	1.66	0.10	0.10	0.20
Delaware	1.29	1.68	1.64	0.39	-0.04	0.35
Dist. of C.	6.52	6.01	4.01	-0.51	-2.00	-2.51
Florida	3.38	3.49	4.39	0.11	0.90	1.01
Georgia	1.87	2.11	3.01	0.24	0.90	1.14
Hawaii	1.07	1.02	1.33	-0.05	0.31	0.26
Idaho	2.34	4.63	3.55	2.29	-1.08	1.21
Illinois	0.93	1.28	1.68	0.35	0.40	0.75
Indiana	2.01	2.68	2.94	0.67	0.26	0.93
Iowa	6.43	8.57	13.30	2.14	4.73	6.87
Kansas	1.34	1.31	1.92	-0.03	0.61	0.58
Kentucky	1.64	1.97	2.16	0.33	0.19	0.52
Louisiana	1.94	2.58	3.49	0.64	0.91	1.55
Maine	3.93	1.77	3.69	-2.16	1.92	-0.24
Maryland	1.42	1.77	1.78	0.35	0.01	0.36
Massachusetts	2.50	2.68	3.64	0.18	0.96	1.14
Michigan	3.14	4.26	5.28	1.12	1.02	2.14
Minnesota	1.46	1.48	2.16	0.02	0.68	0.70
Mississippi	1.92	2.23	2.33	0.31	0.10	0.41
Missouri	3.51	4.35	5.15	0.84	0.80	1.64
Montana	2.13	1.74	2.00	-0.39	0.26	-0.13
Nebraska	3.79	6.56	7.38	2.77	0.82	3.59
Nevada	3.89	6.51	5.10	2.62	-1.41	1.21
New Hampshire	1.17	3.02	3.00	1.85	-0.02	1.83
New Jersey	1.85	2.30	2.92	0.45	0.62	1.07
New Mexico	2.04	2.70	2.28	0.66	-0.42	0.24
New York	4.12	3.57	3.97	-0.55	0.40	-0.15
N. Carolina	4.95	5.76	6.28	0.81	0.52	1.33
N. Dakota	3.65	2.60	2.63	-1.05	0.03	-1.02
Ohio	2.07	1.97	2.95	-0.10	0.98	0.88
Oklahoma	2.68	3.88	3.27	1.20	-0.61	0.59
Oregon	2.57	3.37	3.82	0.80	0.45	1.25
Pennsylvania	2.88	3.88	3.82	1.00	-0.06	0.94
Rhode Island	5.17	5.00	3.41	-0.17	-1.59	-1.76
S. Carolina	1.41	1.05	1.76	-0.36	0.71	0.35
S. Dakota	1.47	1.78	1.78	0.31	0.00	0.31
Tennessee	2.74	2.42	3.13	-0.32	0.71	0.39
Texas	2.28	2.61	3.39	0.33	0.78	1.11
Utah	1.68	1.24	1.38	-0.44	0.14	-0.30
Vermont	1.85	2.52	2.99	0.67	0.47	1.14
Virginia	1.35	1.52	1.78	0.17	0.26	0.43
Washington	3.32	2.70	3.04	-0.62	0.34	-0.28
W. Virginia	1.82	2.62	2.50	0.80	-0.12	0.68
Wisconsin	4.55	3.78	4.00	-0.77	0.22	-0.55
Wyoming	1.08	0.97	1.18	-0.11	0.21	0.10
Puerto Rico	1.21	1.38	1.17	0.17	-0.21	-0.04

[1] Figures in these columns differ from figures shown in Volumes I and II of *Learning A Living Across The Nation* because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 63 - Enrollment in Vocational Consumer and Homemaking Education and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Enrollment in Consumer & Homemaking Education			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	2,929,641¹	3,162,732¹	3,186,476	7.96	0.75	8.77
Alabama	40,947	42,097	46,733	2.81	11.01	14.13
Alaska	2,335	2,295	3,670	-1.71	59.91	57.17
Arizona	31,152	24,315	38,382	-21.95	57.85	23.21
Arkansas	38,314	41,796	40,420	9.09	-3.29	5.50
California	209,687	201,948	250,945	-3.69	24.26	19.68
Colorado	33,026	28,620	30,709	-13.34	7.30	-7.02
Connecticut	35,158	60,344	55,891	71.64	-7.38	58.97
Delaware	9,933	10,333	10,333	4.03	0.00	4.03
Dist. of C.	2,496	2,899	6,528	16.15	125.18	161.54
Florida	157,982	189,760	175,645	20.11	-7.44	11.18
Georgia	76,722	80,261	82,482	4.61	2.77	7.51
Hawaii	18,800	15,639	12,101	-16.81	-22.62	-35.63
Idaho	12,058	15,344	13,185	27.25	-14.07	9.35
Illinois	31,734	28,572	44,255	-9.96	54.89	39.46
Indiana	49,535	54,874	57,431	10.78	4.66	15.94
Iowa	39,691	47,720	41,086	20.23	-13.90	3.51
Kansas	25,844	28,839	27,360	11.59	-5.13	5.87
Kentucky	49,539	51,131	63,042	3.21	23.30	27.26
Louisiana	53,159	54,550	54,529	2.62	-0.04	2.58
Maine	2,458	2,793	5,689	13.63	103.69	131.45
Maryland	59,202	93,548	110,498	58.01	18.12	86.65
Massachusetts	4,727	16,055	15,358	239.64	-4.34	224.90
Michigan	82,658	74,871	74,625	-9.42	-0.33	-9.72
Minnesota	135,966	139,817	101,669	2.83	-27.28	-25.22
Mississippi	33,119	33,832	36,174	2.15	6.92	9.22
Missouri	63,917	73,128	23,943	14.41	-67.26	-62.54
Montana	8,777	8,843	11,111	0.75	25.65	26.59
Nebraska	26,563	26,336	27,225	-0.85	3.38	2.49
Nevada	3,544	3,804	4,413	7.34	16.01	24.52
New Hampshire	27,232	18,351	18,599	-32.61	1.35	-31.70
New Jersey	116,912	124,537	127,506	6.52	2.38	9.06
New Mexico	18,118	20,679	16,551	14.14	-19.96	-8.65
New York	356,100	373,259	373,786	4.82	0.14	4.97
N. Carolina	114,346	127,823	131,859	11.79	3.16	15.32
N. Dakota	10,146	11,801	12,766	16.31	8.18	25.82
Ohio	137,096	137,332	133,455	0.17	-2.82	-2.66
Oklahoma	34,303	30,566	32,371	-10.90	5.91	-5.63
Oregon	50,328	50,735	51,877	0.81	2.25	3.08
Pennsylvania	52,288	55,454	60,145	6.05	8.46	15.03
Rhode Island	8,500	9,099	13,387	7.05	47.13	57.49
S. Carolina	34,310	33,636	37,886	-1.97	12.64	10.42
S. Dakota	12,960	13,221	14,665	2.01	10.92	13.16
Tennessee	47,979	50,988	48,607	6.27	-4.67	1.31
Texas	229,357	291,046	278,087	26.90	-4.45	21.25
Utah	36,427	40,308	35,916	10.65	-10.90	-1.40
Vermont	5,247	5,607	6,500	6.86	15.93	23.88
Virginia	90,746	98,763	99,557	8.83	0.81	9.71
Washington	74,241	72,216	87,209	-2.73	20.76	17.47
W. Virginia	20,158	21,596	19,058	7.13	-11.75	-5.46
Wisconsin	43,237	49,774	51,132	15.09	2.73	18.28
Wyoming	5,974	6,363	4,367	6.51	-31.37	26.90
Puerto Rico	64,593	65,271	65,751	1.05	0.74	1.79

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Table 64 - Enrollment in Consumer and Homemaking Education As a Percent of Total Vocational Education and Change, 1970-71, 1971-72 and 1972-73

States	Consumer and Homemaking Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	27.91[1]	27.12[1]	26.15	-0.79[1]	-0.97	-1.76
Alabama	26.66	25.28	25.10	-1.38	-0.18	-1.56
Alaska	17.65	10.96	14.72	-6.69	3.76	-2.93
Arizona	35.05	23.46	28.43	-11.59	4.97	-6.62
Arkansas	35.13	36.07	33.90	0.94	-2.17	-1.23
California	17.21	16.37	20.44	-0.84	4.07	3.23
Colorado	30.47	28.19	28.07	-2.28	-0.12	-2.40
Connecticut	26.33	34.48	31.01	8.15	-3.47	4.68
Delaware	27.30	23.79	21.12	-3.51	-2.67	-6.18
Dist. of C.	22.39	26.81	40.22	4.42	13.41	17.83
Florida	34.23	31.37	24.77	-2.86	-6.60	-9.46
Georgia	28.19	26.05	23.97	-2.14	-2.08	-4.22
Hawaii	42.25	34.68	26.13	-7.57	-8.55	-16.12
Idaho	39.64	45.86	35.93	6.22	-9.93	-3.71
Illinois	2.58	2.07	4.06	-0.51	1.99	1.48
Indiana	37.72	35.50	36.50	-2.22	1.00	-1.22
Iowa	31.03	35.76	25.28	4.73	-10.48	-5.75
Kansas	26.61	27.14	27.90	0.53	0.76	1.29
Kentucky	32.43	30.25	34.02	-2.18	3.77	1.59
Louisiana	30.48	30.93	29.47	0.45	-1.46	-1.01
Maine	10.48	9.35	14.11	-1.13	4.76	3.63
Maryland	36.37	43.45	44.95	7.08	1.50	8.58
Massachusetts	3.88	9.80	8.72	5.92	-1.08	4.84
Michigan	25.83	21.83	21.26	-4.00	-0.57	-4.57
Minnesota	47.51	46.38	34.30	-1.13	-12.08	-13.21
Mississippi	31.09	29.35	28.72	-1.74	-0.63	-2.37
Missouri	42.54	42.98	23.14	0.44	-19.84	-19.40
Montana	32.12	25.87	33.50	-6.25	7.63	1.38
Nebraska	40.67	37.66	32.42	-3.01	-5.24	-8.25
Nevada	19.00	13.27	12.24	-5.73	-1.03	-6.76
New Hampshire	61.63	52.17	50.33	-9.46	-1.84	-11.30
New Jersey	35.45	36.37	34.77	0.92	-1.60	-0.68
New Mexico	34.44	36.27	25.09	1.83	-11.18	-9.35
New York	42.61	40.38	39.23	-2.23	-1.15	-3.38
N. Carolina	27.50	25.94	24.21	-1.56	-1.73	-3.29
N. Dakota	38.70	36.16	34.59	-2.56	-1.57	-4.11
Ohio	32.88	30.71	22.75	-2.17	-7.96	-10.13
Oklahoma	31.09	25.60	25.29	-5.49	-0.31	-5.80
Oregon	45.01	37.67	39.96	-7.34	2.29	-5.05
Pennsylvania	15.48	16.71	16.27	1.23	-0.44	-0.79
Rhode Island	46.27	45.51	53.20	-0.76	7.69	6.93
S. Carolina	33.52	30.26	30.12	-3.26	-0.14	-3.40
S. Dakota	51.08	50.14	49.94	-0.94	-0.20	-1.14
Tennessee	33.42	33.42	28.64	0.00	-4.78	-4.78
Texas	37.71	44.92	39.11	7.21	-5.81	1.40
Utah	33.48	27.19	27.27	-6.29	0.08	-6.21
Vermont	39.04	32.37	34.62	-6.67	2.25	-4.42
Virginia	30.06	29.36	26.78	-0.70	-2.58	-3.28
Washington	32.14	28.01	29.08	-4.13	1.07	-3.06
W. Virginia	34.04	34.01	29.89	-0.03	-4.12	-4.15
Wisconsin	22.79	19.62	16.94	-3.17	-2.68	-5.85
Wyoming	36.18	32.16	21.89	-4.02	-10.27	-14.29
Puerto Rico	50.71	48.39	47.11	-2.32	-1.28	-3.60

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 65 - Enrollment in Occupational Home Economics and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Enrollment in Occupational Home Economics			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	196,816[1]	279,118[1]	322,696	41.82	15.61	63.96
Alabama	6,770	5,563	5,279	-17.83	-5.11	-22.02
Alaska	233	438	543	87.98	23.97	133.05
Arizona	3,257	4,996	5,156	53.39	3.20	58.31
Arkansas	1,163	989	1,098	-14.96	11.02	-5.59
California	25,573	32,444	34,651	26.87	6.80	35.50
Colorado	1,666	3,731	4,237	123.95	13.56	154.32
Connecticut	638	752	1,072	17.87	42.55	68.03
Delaware	787	1,224	4,550	55.53	271.73	478.14
Dist. of C.	188	309	704	64.36	127.83	274.47
Florida	12,169	27,508	55,956	126.05	103.42	359.82
Georgia	5,030	12,702	9,249	152.52	-27.18	83.88
Hawaii	522	407	705	-22.03	73.22	35.06
Idaho	332	348	459	4.82	31.90	38.25
Illinois	22,579	49,169	33,922	117.76	-31.01	50.24
Indiana	2,631	2,959	1,609	12.47	-45.62	-38.84
Iowa	1,905	2,240	2,497	17.59	11.47	31.08
Kansas	862	1,947	2,266	125.87	16.38	162.88
Kentucky	1,666	2,097	2,786	25.87	32.86	67.23
Louisiana	1,332	1,955	2,091	46.77	6.96	56.98
Maine	561	219	649	-60.96	196.35	15.69
Maryland	2,465	3,915	1,657	58.82	-57.68	-32.78
Massachusetts	2,242	3,088	8,008	37.73	159.33	257.18
Michigan	9,233	13,529	9,785	46.53	-27.67	5.98
Minnesota	12,393	13,214	8,163	6.62	-38.22	-34.13
Mississippi	1,845	1,997	2,277	8.24	14.02	23.41
Missouri	2,053	2,795	2,443	36.14	-12.59	19.00
Montana	293	168	305	-42.66	81.55	4.10
Nebraska	369	418	1,543	13.28	269.14	318.16
Nevada	508	592	899	16.54	51.86	76.97
New Hampshire	86	336	363	290.70	8.04	322.09
New Jersey	7,061	6,667	6,210	-5.58	-6.85	-12.05
New Mexico	802	1,284	1,348	60.10	4.98	68.08
New York	6,117	6,659	12,869	8.86	93.26	110.38
N. Carolina	15,077	18,187	25,517	20.63	40.30	69.24
N. Dakota	453	587	385	29.58	-34.41	-15.01
Ohio	4,368	7,456	8,847	70.70	18.66	102.54
Oklahoma	2,716	2,382	3,202	-12.23	34.42	17.98
Oregon	1,038	2,624	2,720	152.79	3.66	162.04
Pennsylvania	7,949	7,867	7,583	-1.03	-3.61	-4.60
Rhode Island	36	42	50	16.67	19.05	38.89
S. Carolina	1,353	1,193	1,463	-11.83	22.63	8.13
S. Dakota	892	781	848	-12.44	8.58	-4.93
Tennessee	1,941	2,461	2,612	26.79	6.14	34.57
Texas	10,361	9,149	13,384	-11.70	46.29	29.18
Utah	1,963	2,233	3,133	13.64	40.30	59.44
Vermont	176	348	440	97.73	26.44	150.00
Virginia	1,434	2,387	3,299	66.46	38.21	130.06
Washington	4,368	6,370	8,309	43.83	29.51	86.27
W. Virginia	1,102	1,161	1,531	5.35	31.87	38.93
Wisconsin	3,081	2,733	8,836	-11.29	223.31	186.81
Wyoming	106	115	123	8.49	6.96	16.04
Puerto Rico	2,905	4,211	4,962	45.03	17.83	70.81

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 66 - Enrollment in Occupational Home Economics Education as a Percent of Total Vocational Education and Change, 1970-71, 1971-72 and 1972-73

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States	Occupational Home Economics Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	1.87[1]	2.39[1]	2.65	0.52[1]	0.26	0.78
Alabama	4.41	3.34	2.84	-1.07	-0.50	-1.57
Alaska	1.76	2.09	2.18	0.33	0.09	0.42
Arizona	3.66	4.82	3.82	1.16	-1.00	0.16
Arkansas	1.07	0.85	0.92	-0.22	0.07	-0.15
California	2.10	2.63	2.82	0.53	0.19	0.72
Colorado	1.54	3.68	3.87	2.14	0.19	2.33
Connecticut	0.48	0.43	0.59	-0.05	0.16	0.11
Delaware	~~2.16~~	2.82	9.30	0.66	6.48	7.14
Dist. of C.	1.69	2.86	4.34	1.17	1.48	2.65
Florida	2.64	4.55	7.89	1.91	3.34	5.25
Georgia	1.85	4.12	2.69	2.27	-1.43	0.84
Hawaii	1.17	0.90	1.52	-0.27	0.62	0.35
Idaho	1.09	1.04	1.25	-0.05	0.21	0.16
Illinois	1.84	3.56	3.11	1.72	-0.45	1.27
Indiana	2.00	1.91	1.02	-0.09	-0.89	-0.98
Iowa	1.49	1.68	1.54	0.19	-0.14	0.05
Kansas	0.89	1.83	2.31	0.94	0.48	1.42
Kentucky	1.09	1 24	1.50	0.15	0.26	0.41
Louisiana	0.76	1.11	1.13	0.35	0.02	0.37
Maine	2.39	0.73	1.61	-1.66	0.88	-0.78
Maryland	1.51	1.82	0.67	0.31	-1.15	-0.84
Massachusetts	1.84	1.89	4.55	0.05	2.66	2.71
Michigan	2.88	3.94	2.79	1.06	-1.15	-0.09
Minnesota	4.33	4.38	2.75	0.05	-1.63	-1.58
Mississippi	1.73	1.73	1.81	0.00	0.08	0.08
Missouri	1.37	1.64	2.36	0.27	0.72	0.99
Montana	1.07	0.49	0.92	-0.58	0.43	-0.15
Nebraska	0.56	0.57	1.84	0.01	1.27	1.28
Nevada	2.72	2.06	2.49	-0.66	0.43	-0.23
New Hampshire	0.19	0.96	0.94	0.77	-0.02	0.75
New Jersey	2.14	1.95	1.69	-0.19	-0.26	-0.45
New Mexico	1.52	2.25	2.04	0.73	-0.21	0.52
New York	0.74	0.72	1.35	-0.02	0.63	0.61
N. Carolina	3.63	3.69	4.69	0.06	1.00	1.06
N. Dakota	1.73	1.80	1.04	0.07	-0.76	-0.69
Ohio	1.05	1.67	1.51	0.62	-0.16	0.46
Oklahoma	2.46	2.00	2.50	-0.46	0.50	0.04
Oregon	0.93	1.95	2.10	1.02	0.15	1.17
Pennsylvania	2.35	2.37	2.05	0.02	-0.32	-0.30
Rhode Island	0.20	0.21	0.20	0.01	-0.01	0.00
S. Carolina	1.32	1.07	1.16	-0.25	0.09	-0.16
S. Dakota	3.52	2.96	2.89	-0.56	-0.07	-0.63
Tennessee	1.35	1.61	1.54	0.26	-0.07	0.19
Texas	1.70	1.41	1.88	-0.29	0.47	0.18
Utah	1.81	1.51	2.38	-0.30	0.87	0.57
Vermont	1.31	2.01	2.34	0.70	0.33	1.03
Virginia	0.47	0.71	0.89	0.24	0.18	0.42
Washington	1.98	2.55	2.84	0.57	0.29	0.86
W. Virginia	1.86	1.83	2.40	-0.03	0.57	0.54
Wisconsin	1.61	1.07	2.89	-0.54	1.82	1.28
Wyoming	0.64	0.58	0.62	-0.06	0.04	-0.02
Puerto Rico	2.28	3.12	3.56	0.84	0.44	1.28

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 67 - Enrollment in Vocational Office Occupations and Percent
Of Change, 1970-71, 1971-72 and 1972-73

States	Enrollment in Office Occupations			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	2,224,901[1]	2,349,977[1]	2,497,558	5.62	6.28	12.25
Alabama	14,207	16,445	16,614	15.75	1.03	16.94
Alaska	5,037	7,126	7,579	41.47	6.36	50.47
Arizona	17,158	20,654	25,289	20.38	22.44	47.39
Arkansas	8,063	11,762	12,036	45.88	2.33	49.27
California	419,830	382,860	392,295	-8.81	2.46	-6.56
Colorado	20,455	20,480	21,842	0.12	6.65	6.78
Connecticut	46,250	50,817	52,021	9.87	2.37	12.48
Delaware	15,664	12,854	13,993	-17.94	8.86	-10.67
Dist. of C.	945	842	976	-10.90	15.91	3.28
Florida	78,408	104,012	118,620	32.65	14.04	51.29
Georgia	85,658	85,804	83,755	0.17	-2.39	-2.22
Hawaii	12,200	10,664	13,650	-12.59	28.00	11.89
Idaho	5,599	5,583	5,696	-0.29	2.02	1.73
Illinois	236,939	230,303	241,811	-2.80	5.00	2.06
Indiana	19,855	27,516	22,472	38.58	-18.33	13.18
Iowa	9,723	11,945	16,462	22.85	37.81	69.31
Kansas	9,662	12,092	10,852	25.15	-10.25	12.32
Kentucky	19,713	23,219	25,745	17.79	10.88	30.60
Louisiana	60,006	54,915	56,754	-8.48	3.35	-5.42
Maine	8,987	12,447	15,632	38.50	25.59	73.94
Maryland	52,619	59,400	63,113	12.89	6.25	19.94
Massachusetts	70,911	79,962	86,000	12.76	7.55	21.28
Michigan	61,429	64,834	57,439	5.54	-11.41	-6.50
Minnesota	28,560	30,691	32,342	7.46	5.38	13.24
Mississippi	7,184	7,851	9,726	9.28	23.88	35.38
Missouri	18,268	21,144	18,405	15.74	-12.95	0.75
Montana	5,351	7,870	4,230	47.08	-46.25	-20.95
Nebraska	7,399	8,678	11,109	17.29	28.01	50.14
Nevada	4,881	7,218	10,827	47.88	50.00	121.82
New Hampshire	9,927	7,046	8,852	-29.02	25.63	-10.83
New Jersey	115,995	113,753	121,163	-1.93	6.51	4.46
New Mexico	18,518	15,920	17,951	-14.03	12.76	-3.06
New York	217,964	273,849	274,866	25.64	0.37	26.11
N. Carolina	30,795	32,723	35,133	6.26	7.36	14.09
N. Dakota	4,298	5,215	5,038	21.34	-3.39	17.22
Ohio	41,402	52,830	58,515	27.60	10.76	41.33
Oklahoma	8,972	11,087	8,816	23.57	-20.48	-1.74
Oregon	23,406	26,056	26,272	11.32	0.83	12.24
Pennsylvania	101,994	77,668	84,681	-23.85	9.03	-16.97
Rhode Island	749	810	1,063	8.14	31.23	41.92
S. Carolina	11,058	10,983	11,648	-0.68	6.05	5.34
S. Dakota	1,734	1,425	1,743	-17.82	22.32	0.52
Tennessee	16,166	19,640	21,539	21.49	9.67	33.24
Texas	42,112	42,352	48,878	0.57	15.41	16.07
Utah	27,174	28,862	22,413	6.21	-22.34	-17.52
Vermont	1,226	2,242	3,311	82.87	47.68	170.07
Virginia	60,294	60,865	87,412	0.95	43.62	44.98
Washington	55,971	62,081	79,055	10.92	27.34	41.24
W. Virginia	10,455	14,395	15,983	37.69	11.03	52.87
Wisconsin	49,398	73,574	85,617	48.94	16.37	73.32
Wyoming	5,896	6,282	7,050	6.55	12.23	19.57
Puerto Rico	18,436	20,334	23,274	10.28	14.48	26.24

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Table 68 - Enrollment in Office Occupations Education as a Percent of Total Vocational Education and Change, 1970-71, 1971-72 and 1972-73

States	Office Occupations Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	21.19[1]	20.15[1]	20.50	-1.04[1]	0.35	-0.69
Alabama	9.25	9.88	8.92	0.63	-0.96	-0.33
Alaska	38.08	34.02	30.40	-4.06	-3.62	-7.68
Arizona	19.30	19.93	18.73	0.63	-1.20	-0.57
Arkansas	7.39	10.15	10.09	2.76	-0.06	2.70
California	34.47	31.03	31.95	-3.44	0.92	-2.52
Colorado	18.87	20.17	19.97	1.30	-0.20	1.10
Connecticut	34.63	29.03	28.86	-5.60	-0.17	-5.77
Delaware	43.05	29.59	28.60	-13.46	-0.99	-14.45
Dist. of C.	8.48	7.79	6.01	-0.69	-1.78	-2.47
Florida	16.99	17.20	16.73	0.21	-0.47	-0.26
Georgia	31.47	27.85	24.34	-3.62	-3.51	-7.13
Hawaii	27.41	23.65	29.47	-3.76	5.82	2.06
Idaho	18.41	16.69	15.52	-1.72	-1.17	-2.89
Illinois	19.30	16.69	22.17	-2.61	5.48	2.87
Indiana	15.12	17.80	14.28	2.68	-3.52	-0.84
Iowa	7.60	8.95	10.13	1.35	1.18	2.53
Kansas	9.95	11.38	11.06	1.43	-0.32	1.11
Kentucky	12.90	13.74	13.89	0.84	0.15	0.99
Louisiana	34.41	31.13	30.67	-3.28	-0.46	-3.74
Maine	38.30	41.67	38.76	3.37	-2.91	0.46
Maryland	32.33	27.59	25.68	-4.74	-1.91	-6.65
Massachusetts	58.15	48.82	48.85	-9.33	0.03	-9.30
Michigan	19.19	18.90	16.36	-0.29	-2.54	-2.83
Minnesota	9.98	10.18	10.91	0.20	0.73	0.93
Mississippi	6.74	6.81	7.72	0.07	0.91	0.98
Missouri	12.16	12.43	17.79	0.27	5.36	5.63
Montana	19.58	23.02	12.75	3.44	-10.27	-6.83
Nebraska	11.33	11.75	13.23	0.42	1.48	1.90
Nevada	26.16	25.17	30.03	-0.99	4.86	3.87
New Hampshire	22.47	20.03	23.00	-2.44	2.97	0.53
New Jersey	35.17	33.22	33.04	-1.95	-0.18	-2.13
New Mexico	35.20	27.92	27.21	-7.28	-0.71	-7.99
New York	26.20	29.77	28.85	3.57	-0.92	2.65
N. Carolina	7.41	6.64	6.45	-0.77	-0.19	-0.96
N. Dakota	16.40	15.98	13.65	-0.42	-2.33	-2.75
Ohio	9.93	11.81	9.97	1.88	-1.84	0.04
Oklahoma	8.13	9.29	6.89	1.16	-2.40	-1.24
Oregon	20.93	19.35	20.24	-1.58	0.89	-0.69
Pennsylvania	30.19	23.41	22.90	-6.78	-0.51	-7.29
Rhode Island	4.08	4.05	4.22	-0.03	0.17	0.14
S. Carolina	10.80	9.88	9.26	-0.92	-0.62	-1.54
S. Dakota	6.83	5.40	5.94	-1.43	0.54	-0.89
Tennessee	11.26	12.87	12.69	1.61	-0.18	1.43
Texas	6.92	6.54	6.87	-0.38	0.33	-0.05
Utah	24.98	19.47	17.02	-5.51	-2.45	-7.96
Vermont	9.12	12.95	17.64	3.83	4.69	8.52
Virginia	19.97	18.09	23.51	-1.88	5.42	3.54
Washington	24.23	24.08	26.36	-0.15	2.28	2.13
W. Virginia	17.66	22.67	25.07	5.01	2.40	7.41
Wisconsin	26.03	29.02	28.36	2.99	-0.66	2.33
Wyoming	35.71	31.75	35.34	-3.96	3.59	-0.37
Puerto Rico	14.47	15.07	16.67	0.60	1.60	2.20

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 69 - Enrollment in Vocational Technical Education and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Enrollment in Technical Education			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	313,692[1]	336,639[1]	363,909	7.32	8.10	16.01
Alabama	2,330	847	526	-63.65	-37.90	-77.42
Alaska	1,695	1,747	1,009	3.07	-42.24	[illegible]
Arizona	3,598	7,134	7,196	98.28	0.87	100.00
Arkansas	154	121	555	-21.43	358.68	260.39
California	51,127	54,695	59,966	6.98	9.64	17.29
Colorado	4,619	4,203	7,593	-9.01	80.66	64.39
Connecticut	11,340	10,208	9,380	-9.98	-8.11	-17.28
Delaware	728	781	892	7.28	14.21	22.53
Dist. of C.	0	109	18	--	-83.49	--
Florida	28,134	28,789	41,746	2.33	45.01	48.39
Georgia	7,055	7,799	6,175	10.55	-20.82	-12.47
Hawaii	1,089	628	712	-42.33	13.38	-34.62
Idaho	739	597	553	-19.22	-7.37	-25.17
Illinois	13,453	13,248	11,646	-1.52	-12.09	-13.43
Indiana	1,041	1,804	2,059	73.29	14.14	97.79
Iowa	2,198	1,453	3,091	-33.89	112.73	40.63
Kansas	537	866	802	61.27	-7.39	49.35
Kentucky	1,143	1,252	1,292	9.54	3.19	13.04
Louisiana	3,553	3,597	4,399	1.24	22.30	23.81
Maine	1,225	462	1,271	-62.29	175.11	3.76
Maryland	5,710	9,176	7,917	60.70	-13.72	38.65
Massachusetts	2,006	4,686	4,641	133.60	-0.96	131.36
Michigan	11,555	17,484	16,872	51.31	-3.50	46.01
Minnesota	7,427	8,050	9,743	8.39	21.03	31.18
Mississippi	6,229	8,175	8,742	31.24	6.94	40.34
Missouri	4,085	4,333	4,395	6.07	1.43	7.59
Montana	653	1,302	921	99.39	-29.26	41.04
Nebraska	612	990	623	61.76	-37.07	1.80
Nevada	2,084	3,394	3,156	62.86	-7.01	51.44
New Hampshire	[illegible]	711	368	128.62	-48.24	18.33
New Jersey	6,814	11,884	13,269	74.41	11.65	94.73
New Mexico	605	696	1,637	15.04	135.20	170.58
New York	40,954	31,526	28,735	-23.02	-8.85	-29.84
N. Carolina	10,514	11,751	13,985	11.77	19.01	33.01
N. Dakota	602	477	521	-20.76	9.22	-13.46
Ohio	5,720	6,812	5,122	19.09	-24.81	-10.45
Oklahoma	7,850	4,943	2,077	-37.03	-57.98	-73.54
Oregon	4,522	3,660	5,332	-19.06	45.68	17.91
Pennsylvania	18,183	19,773	21,711	8.74	9.80	19.40
Rhode Island	700	848	1,334	21.14	57.31	90.57
S. Carolina	1,195	270	0	-77.41	--	--
S. Dakota	659	425	443	-35.51	4.24	-32.78
Tennessee	3,640	5,285	5,180	45.22	-2.01	42.31
Texas	7,862	8,925	16,806	13.52	88.30	113.76
Utah	644	4,617	1,585	616.93	-65.67	146.12
Vermont	352	496	80	40.91	-83.87	-77.27
Virginia	4,183	4,524	6,379	8.15	41.00	52.50
Washington	10,608	9,185	8,485	-13.41	-7.62	-20.01
W. Virginia	2,491	2,060	1,979	-17.30	-3.93	-20.55
Wisconsin	7,193	7,921	8,911	10.12	12.50	23.88
Wyoming	220	220	398	0.00	80.91	80.91
Puerto Rico	1,751	1,699	1,679	-2.97	-1.18	-4.11

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Table 70 - Enrollment in Technical Education as a Percent of Total Vocational Education and Change, 1970-71, 1971-72, and 1972-73

States	Technical Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	2.99[1]	2.89[1]	2.99	-0.10[1]	0.10	0.00
Alabama	1.52	0.51	0.28	-1.01	-0.23	-1.24
Alaska	[illegible]	8.34	4.05	-4.47	-4.29	-8.76
Arizona	[illegible]	6.88	5.33	2.83	-1.55	1.28
Arkansas	0.14	0.10	0.47	-0.04	0.37	0.33
California	4.20	4.43	4.88	0.23	0.45	0.68
Colorado	4.26	4.14	6.94	-0.12	2.80	2.68
Connecticut	8.49	5.83	5.20	-2.66	-0.63	-3.29
Delaware	2.00	1.80	1.82	-0.20	0.02	-0.18
Dist. of C.	0.00	1.01	0.11	1.01	-0.90	0.11
Florida	6.10	4.76	5.89	-1.34	1.13	-0.21
Georgia	2.59	2.53	1.79	-0.06	-0.74	-0.80
Hawaii	2.45	1.39	1.54	-1.06	0.15	-0.91
Idaho	2.43	1.78	1.51	-0.65	-0.27	-0.92
Illinois	1.10	0.96	1.07	-0.14	0.11	-0.03
Indiana	0.79	1.17	1.31	0.38	0.14	0.52
Iowa	1.72	1.09	1.90	-0.63	0.81	0.18
Kansas	0.55	0.81	0.82	0.26	0.01	0.27
Kentucky	0.75	0.74	0.70	-0.01	-0.04	-0.05
Louisiana	2.04	2.04	2.38	0.00	0.34	0.34
Maine	5.22	1.55	3.15	-3.67	1.60	-2.07
Maryland	3.51	4.26	3.22	0.75	-1.04	-0.29
Massachusetts	1.64	2.86	2.64	1.22	-0.22	1.00
Michigan	3.61	5.10	4.81	1.49	-0.29	1.20
Minnesota	2.60	2.67	3.29	0.07	0.62	0.69
Mississippi	5.85	7.09	6.94	1.24	-0.15	1.09
Missouri	2.72	2.55	4.25	-0.17	1.70	1.53
Montana	2.39	3.81	2.78	1.42	-1.03	0.39
Nebraska	0.94	1.34	0.74	0.40	-0.60	-0.20
Nevada	11.17	11.84	8.75	0.67	-3.09	-2.42
New Hampshire	0.70	2.02	0.96	1.32	-1.06	0.26
New Jersey	2.07	3.47	3.62	1.40	0.15	1.55
New Mexico	1.15	1.22	2.48	0.07	1.26	1.33
New York	4.92	3.43	3.02	-1.49	-0.41	-1.90
N. Carolina	2.53	2.38	2.57	-0.15	0.19	0.04
N. Dakota	2.30	1.46	1.41	-0.84	-0.05	-0.89
Ohio	1.37	1.52	0.87	0.15	-0.65	-0.50
Oklahoma	7.12	4.14	1.62	-2.98	-2.52	-5.50
Oregon	4.04	2.72	4.11	-1.32	1.39	0.07
Pennsylvania	5.38	5.96	5.87	0.58	-0.09	0.49
Rhode Island	3.81	4.24	5.30	0.43	1.06	1.49
S. Carolina	1.17	0.24	0.00	-0.93	-0.24	-1.17
S. Dakota	2.60	1.61	1.51	-0.99	-0.10	-1.09
Tennessee	2.54	3.47	3.05	0.93	-0.42	0.51
Texas	1.29	1.38	2.36	0.09	0.98	1.07
Utah	0.59	3.11	1.20	2.52	-1.91	0.61
Vermont	2.62	2.86	0.43	0.24	-2.43	-2.19
Virginia	1.39	1.34	1.72	-0.05	0.38	0.33
Washington	4.59	3.56	2.83	-1.03	-0.73	-1.76
W. Virginia	4.21	3.24	3.10	-0.97	-0.14	-1.11
Wisconsin	3.79	3.12	2.95	-0.67	-0.17	-0.84
Wyoming	1.33	1.11	2.00	-0.22	0.89	0.67
Puerto Rico	1.37	1.26	1.20	-0.11	-0.06	-0.17

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 71 - Enrollment in Vocational Trade and Industrial Education and Percent of Change, 1970-71, 1971-72, and 1972-73

States	Enrollment in Trade & Industrial Education			Percent of Change		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	2,072,502[1]	2,394,334[1]	2,695,726	15.53	12.59	30.07
Alabama	33,867	41,879	52,873	23.66	26.25	56.12
Alaska	2,043	6,473	7,016	216.84	8.39	243.42
Arizona	16,783	20,124	26,839	19.91	33.37	59.92
Arkansas	24,194	24,156	25,871	-0.16	7.10	6.93
California	275,182	290,342	298,707	5.51	2.88	8.55
Colorado	18,911	19,574	24,285	3.51	24.07	28.42
Connecticut	28,070	23,589	27,981	-15.96	18.62	-0.32
Delaware	4,478	8,586	8,241	91.74	-4.02	84.03
Dist. of C.	3,381	2,479	3,781	-26.68	52.52	11.83
Florida	95,172	98,331	162,563	3.32	65.32	70.81
Georgia	36,842	55,895	53,895	51.72	-3.58	46.29
Hawaii	7,153	12,612	13,553	76.32	7.46	89.47
Idaho	4,862	5,471	7,225	12.53	32.06	48.60
Illinois	177,287	202,762	207,107	14.37	2.14	16.82
Indiana	27,572	30,197	34,904	9.52	15.59	26.59
Iowa	26,141	24,505	37,813	-6.26	54.31	44.65
Kansas	38,685	40,582	37,858	4.90	-6.71	-2.14
Kentucky	35,977	36,625	38,756	1.80	5.82	7.72
Louisiana	23,709	27,272	29,482	15.03	8.10	24.35
Maine	7,475	11,774	12,959	57.51	10.06	73.36
Maryland	28,002	31,136	43,056	11.19	38.28	53.76
Massachusetts	33,534	43,216	34,311	28.87	-20.61	2.32
Michigan	83,502	96,232	96,193	15.25	-0.04	15.20
Minnesota	50,988	55,210	77,054	8.28	39.57	51.12
Mississippi	22,382	25,390	28,651	13.44	12.84	28.01
Missouri	26,492	30,140	21,812	13.77	-27.63	-17.67
Montana	6,594	10,050	10,915	52.41	8.61	65.53
Nebraska	14,944	18,355	20,292	22.83	10.55	35.79
Nevada	5,196	7,758	10,783	49.31	38.99	107.53
New Hampshire	3,996	5,008	6,600	25.33	31.79	65.17
New Jersey	51,174	52,147	57,697	1.90	10.64	12.75
New Mexico	7,400	8,306	8,953	12.24	7.79	20.99
New York	125,922	154,830	175,455	22.96	13.32	39.34
N. Carolina	123,577	153,071	165,352	23.87	8.02	33.80
N. Dakota	3,592	5,098	5,481	41.93	7.51	52.59
Ohio	95,026	95,503	106,397	0.50	11.41	11.97
Oklahoma	23,891	32,758	38,135	37.11	16.41	59.62
Oregon	19,435	28,496	28,474	46.62	-0.08	46.51
Pennsylvania	76,417	128,776	142,259	68.52	10.47	86.16
Rhode Island	5,058	5,529	6,048	9.31	9.39	19.57
S. Carolina	18,651	26,343	30,753	41.24	16.74	64.89
S. Dakota	3,017	3,971	4,818	31.62	21.33	59.70
Tennessee	38,197	41,569	50,171	8.83	20.69	31.35
Texas	95,135	82,362	111,743	-13.43	35.67	17.46
Utah	17,894	22,508	22,464	25.79	-0.20	25.54
Vermont	3,590	5,340	5,113	48.75	-4.25	42.42
Virginia	65,375	79,006	84,387	20.85	6.81	29.08
Washington	45,743	55,550	63,374	21.44	14.08	38.54
W. Virginia	18,599	16,691	17,196	-10.26	3.03	-7.54
Wisconsin	49,006	66,737	83,670	36.18	25.37	70.73
Wyoming	1,398	1,392	2,228	-0.43	60.06	59.37
Puerto Rico	20,991	22,628	24,182	7.80	6.87	15.20

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Table 72 - Enrollment in Trade & Industrial Education as a Percent of Total Vocational Education and Change, 1970-71, 1971-72 and 1972-73

States	Trade & Industrial Education Enrollment as a Percent of Total Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	19.74[1]	20.53[1]	22.13	0.79[1]	1.60	2.39
Alabama	22.05	25.15	28.40	3.10	3.25	6.35
Alaska	15.44	30.90	28.15	15.46	-2.75	12.71
Arizona	18.88	19.42	19.88	0.54	0.46	1.00
Arkansas	22.19	20.85	21.70	-1.34	0.85	-0.49
California	22.59	23.53	24.33	0.94	0.80	1.74
Colorado	17.45	19.28	22.20	1.83	2.92	4.75
Connecticut	21.02	13.48	15.52	-7.54	2.04	-5.50
Delaware	12.31	19.77	16.84	7.46	-2.93	4.53
Dist. of C.	30.33	22.93	23.30	-7.40	0.37	-7.03
Florida	20.62	16.26	22.93	-4.36	6.67	2.31
Georgia	13.53	18.14	15.66	4.61	-2.48	2.13
Hawaii	16.07	27.96	29.26	11.89	1.30	13.19
Idaho	15.98	16.35	19.69	0.37	3.34	3.71
Illinois	14.44	14.70	18.99	0.26	4.29	4.55
Indiana	20.99	19.54	22.18	-1.45	2.64	1.19
Iowa	20.44	18.36	23.27	-2.08	4.91	2.83
Kansas	39.83	38.19	38.60	-1.64	0.41	-1.23
Kentucky	23.55	21.67	20.91	-1.88	-0.76	-2.64
Louisiana	13.59	15.46	15.93	1.87	0.47	2.34
Maine	31.86	39.41	32.13	7.55	-7.28	0.27
Maryland	17.20	14.46	17.52	-2.74	3.06	0.32
Massachusetts	27.50	26.38	19.49	-1.12	-6.89	-8.01
Michigan	26.09	28.06	27.40	1.97	-0.66	1.31
Minnesota	17.82	18.31	25.99	0.49	7.68	8.17
Mississippi	21.01	22.02	22.74	1.01	0.72	1.73
Missouri	17.63	17.72	21.08	0.09	3.36	3.45
Montana	24.13	29.40	32.91	5.27	3.51	8.78
Nebraska	22.88	24.85	24.16	1.97	-0.69	1.28
Nevada	27.85	27.06	29.90	-0.79	2.84	2.05
New Hampshire	9.05	14.24	17.15	5.19	2.91	8.10
New Jersey	15.52	15.23	15.73	-0.29	0.50	0.21
New Mexico	14.07	14.57	13.57	0.50	-1.00	-0.50
New York	15.14	16.93	18.42	1.69	1.59	3.28
N. Carolina	29.72	31.06	30.36	1.34	-0.70	0.64
N. Dakota	13.70	15.62	14.85	1.92	-0.77	1.15
Ohio	22.79	21.36	18.14	-1.43	-3.22	-4.65
Oklahoma	21.66	27.44	29.80	5.78	2.36	8.14
Oregon	17.38	21.16	21.93	3.78	0.77	4.55
Pennsylvania	22.62	38.81	38.47	16.19	-0.34	15.85
Rhode Island	27.53	27.66	24.64	0.13	-3.62	-3.49
S. Carolina	18.22	23.70	24.45	5.48	0.75	6.23
S. Dakota	11.89	15.06	16.41	3.17	1.35	4.52
Tennessee	26.60	27.25	29.56	0.65	2.31	2.96
Texas	15.64	12.71	15.72	-2.93	3.01	0.08
Utah	16.45	15.18	17.06	-1.27	1.88	0.61
Vermont	26.71	30.83	27.24	4.12	-3.59	0.53
Virginia	21.65	23.49	22.70	1.84	-0.79	1.05
Washington	19.80	21.54	21.13	1.74	-0.41	1.33
W. Virginia	31.41	26.28	26.97	-5.13	0.69	-4.44
Wisconsin	25.83	26.33	27.71	0.50	1.38	1.88
Wyoming	8.47	7.04	11.17	-1.43	4.13	2.70
Puerto Rico	16.48	16.77	17.33	0.29	0.56	0.85

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 73 - Negro Vocational Education Students as a Percent of Total Vocational Education Enrollment Compared to Percent of Negroes in the Total Population in Fifteen States, 1970-71, 1971-72 and 1972-73

States	Negroes as a Percent of Total Population	Negroes as a Percent of Total Vocational Education Enrollment[1]			Difference Between Percent of Negroes Enrolled in Vocational Education and Percent of Negroes in the Total Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
TOTAL	11.80	17.09	17.60	15.92	5.29	5.80	4.12
Alabama	26.23	38.61	32.83	34.20	12.38	6.60	7.97
Arizona	2.97	2.07	3.06	3.12	-0.90	0.09	0.15
Florida	15.34	18.61	20.59	19.34	3.27	5.25	4.00
Georgia	25.87	22.35	27.98	30.59	-3.52	2.11	4.72
Iowa	1.15	2.81	3.32	2.84	1.66	2.17	1.69
Kentucky	7.17	16.71	12.00	11.96	9.54	4.83	4.79
Massachusetts	3.09	4.44	5.29	4.95	1.35	2.20	1.86
Mississippi	36.80	37.88	41.45	41.17	1.08	4.65	4.37
Missouri	10.27	16.66	16.64	1.81	6.39	6.37	-8.46
New York	11.89	14.99	14.76	13.70	3.10	2.87	1.81
North Dakota	0.40	0.18	0.22	0.28	-0.22	-0.18	-0.12
Ohio	9.11	25.87	27.40	15.89	16.76	18.29	6.78
Oklahoma	6.72	6.26	7.49	14.08	-0.46	0.77	7.36
Pennsylvania	8.62	11.01	10.68	10.94	2.39	2.06	2.32
Texas	12.49	15.26	15.12	13.97	2.77	2.63	1.48

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971 and 1972.

Fiscal 1973 data collected from various States.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

Table 74 - American Indian Vocational Education Students as a Percent of Total Vocational Education Enrollment Compared to Percent of American Indians in the Total Population in Fifteen States, 1970-71, 1971-72 and 1972-73

States	American Indians as a Percent of Total Population	American Indians as a Percent of Total Vocational Education Enrollment[1]			Difference Between Percent of American Indians Enrolled in Vocational Education and Percent of American Indians in the Total Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
TOTAL	0.33	0.27	0.63	2.08	-0.06	0.30	1.75
Alabama	0.07	0.10	0.00	NA	0.03	-0.07	NA
Arizona	5.41	2.16	3.87	3.03	-3.25	-1.54	-2.38
Florida	0.10	0.09	0.23	0.47	-0.01	0.13	0.37
Georgia	0.05	0.00	0.16	0.13	-0.05	0.11	0.08
Iowa	0.11	0.12	0.14	0.19	0.01	0.03	0.08
Kentucky	0.05	0.60	0.30	0.30	0.55	0.25	0.25
Massachusetts	0.08	0.05	0.14	0.09	-0.03	0.06	0.01
Mississippi	0.19	0.08	0.05	0.23	-0.11	-0.14	0.04
Missouri	0.12	0.01	0.04	0.57	-0.11	-0.08	0.45
New York	0.16	NA	1.30	7.82	NA	1.14	7.66
North Dakota	2.33	1.57	2.35	1.89	-0.76	0.02	-0.44
Ohio	0.06	0.20	0.15	0.14	0.14	0.09	0.08
Oklahoma	3.85	5.06	5.70	12.87	1.21	1.85	9.02
Pennsylvania	0.05	NA	0.22	0.22	NA	0.17	0.17
Texas	0.16	0.10	0.12	0.11	-0.06	-0.04	-0.05

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971 and 1972.

Fiscal 1973 data collected from various States.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC(1) - B1, U.S. Summary.

Table 75 - Oriental Vocational Education Students as a Percent of Total Vocational Education Enrollment Compared to Percent of Orientals in the Total Population in Fifteen States, 1970-71, 1971-72 and 1972-73

States	Orientals as a Percent of Total Population	Orientals as a Percent of Total Vocational Education Enrollment[1]			Difference Between Percent of Orientals Enrolled in Vocational Education and Percent of Orientals in the Total Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
TOTAL	0.21	0.11	0.35	0.21	-0.10	0.14	0.00
Alabama	0.05	0.28	0.00	NA	0.23	-0.05	NA
Arizona	0.35	0.25	0.32	0.31	-0.10	-0.03	-0.04
Florida	0.11	0.11	0.17	0.27	0.00	0.06	0.16
Georgia	0.07	0.00	0.07	0.06	-0.07	0.00	-0.01
Iowa	0.07	0.05	0.06	0.07	-0.02	-0.01	0.00
Kentucky	0.05	0.11	0.03	0.03	0.06	-0.02	-0.02
Massachusetts	0.32	0.31	0.27	0.45	-0.01	-0.05	0.13
Mississippi	0.09	0.02	0.04	0.04	-0.07	-0.05	-0.05
Missouri	0.11	0.26	0.27	0.00	0.15	0.16	-0.11
New York	0.56	NA	1.04	0.29	NA	0.48	-0.27
North Dakota	0.07	0.06	0.10	0.10	-0.01	0.03	0.03
Ohio	0.10	0.17	0.21	0.13	0.07	0.11	0.03
Oklahoma	0.09	0.08	0.07	1.39	-0.01	-0.02	1.30
Pennsylvania	0.11	NA	0.09	0.10	NA	-0.02	-0.01
Texas	0.13	0.20	0.27	0.16	0.07	0.14	0.03

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971 and 1972.

Fiscal 1973 data collected from various States.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC(1) - B1, U.S. Summary.

Table 76 - Spanish-surnamed American Vocational Education Students as a Percent of Total Vocational Education Enrollment Compared to Percent of Spanish-surnamed Americans in the Total Population in Fifteen States, 1970-71, 1971-72 and 1972-73

States	Spanish-surnamed Americans as a Percent of Total Population	Spanish-surnamed Americans as a Percent of Total Vocational Education Enrollment[1]			Difference Between Percent of Spanish-surnamed Americans Enrolled in Vocational Education and Percent of Spanish-surnamed Americans in the Total Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
TOTAL	NA	5.67	5.62	3.89	NA	NA	NA
Alabama	NA	0.07	0.01	NA	NA	NA	NA
Arizona	NA	8.56	11.53	9.43	NA	NA	NA
Florida	NA	2.27	3.81	3.56	NA	NA	NA
Georgia	NA	0.00	0.06	0.10	NA	NA	NA
Iowa	NA	0.37	0.40	0.39	NA	NA	NA
Kentucky	NA	0.22	0.13	0.12	NA	NA	NA
Massachusetts	NA	1.38	1.39	1.34	NA	NA	NA
Mississippi	NA	0.03	0.11	0.05	NA	NA	NA
Missouri	NA	0.47	0.59	0.13	NA	NA	NA
New York	NA	7.95	8.08	1.08	NA	NA	NA
North Dakota	NA	0.23	0.15	0.20	NA	NA	NA
Ohio	NA	1.58	0.90	0.95	NA	NA	NA
Oklahoma	NA	0.57	0.52	1.35	NA	NA	NA
Pennsylvania	NA	NA	1.03	1.06	NA	NA	NA
Texas	NA	21.27	19.50	17.85	NA	NA	NA

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971 and 1972.

Fiscal 1973 data collected from various States.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

Table 77 - Other Vocational Education Students as a Percent of Total Vocational Education Enrollment Compared to the Percent of Others in the Total Population in Fifteen States, 1970-71, 1971-72 and 1972-73

States	Others as a Percent of Total Population	Others as a Percent of Total Vocational Education Enrollment[1]			Difference Between Percent of Others Enrolled in Vocational Education and Percent of Others in the Total Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
TOTAL	87.66	75.84	75.66	77.90	-11.82	-12.00	-9.76
Alabama	73.65	60.95	67.15	64.80	-12.70	-6.50	-8.85
Arizona	91.26	86.97	81.22	84.11	-4.29	-10.04	-7.15
Florida	84.45	73.84	75.21	76.36	-10.61	-9.24	-8.09
Georgia	74.01	71.66	71.74	69.12	-2.35	-2.27	-4.89
Iowa	98.67	96.65	96.07	96.51	-2.02	-2.60	-2.16
Kentucky	92.73	82.37	87.54	87.58	-10.36	-5.19	-5.15
Massachusetts	96.51	93.82	92.92	93.17	-2.69	-3.59	-3.34
Mississippi	62.93	61.99	58.35	58.51	-0.94	-4.58	-4.42
Missouri	89.51	82.60	78.96	97.49	-6.91	-10.55	7.98
New York	87.39	77.06	74.82	77.11	-10.33	-12.57	-10.28
North Dakota	97.20	97.96	97.18	97.53	0.76	-0.02	0.33
Ohio	90.72	72.18	71.33	82.89	-18.54	-19.39	-7.83
Oklahoma	89.34	87.39	86.22	70.31	-1.95	-3.12	-19.03
Pennsylvania	91.23	88.99	87.98	87.68	-2.24	-3.25	-3.55
Texas	87.22	63.18	64.99	67.91	-24.04	-22.23	-19.31

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971 and 1972.

Fiscal 1973 data collected from various States.

1970 Census of the Population, U.S. Department of Commerce, Bureau of the Census, PC (1) - B1, U.S. Summary.

Table 78 - Male and Female Enrollment in Vocational Education as a Percent of Total Vocational Education and Change in Nine States, 1970-71, 1971-72 and 1972-73

States	Male Vocational Education Enrollment as a Percent of Total Vocational Enrollment[1]			Difference in Percentage Points			Female Vocational Education Enrollment as a Percent of Total Vocational Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
TOTAL	41.68	40.09	43.81	-1.59	3.72	2.13	58.32	59.91	56.19	1.59	-3.72	-2.13
Arizona	41.69	43.38	39.65	1.69	-3.73	-2.04	58.31	56.62	60.35	-1.69	3.73	2.04
Kansas	58.70	53.82	52.49	-4.88	-1.33	-6.21	41.30	46.18	47.51	4.88	1.33	6.21
Louisiana	38.29	38.12	38.70	-0.17	0.58	0.41	61.71	61.88	61.30	0.17	-0.58	-0.41
Michigan	48.53	49.76	51.26	1.23	1.50	2.73	51.47	50.24	48.74	-1.23	-1.50	-2.73
Mississippi	46.00	53.56	52.44	7.56	-1.12	6.44	54.00	46.44	47.56	-7.56	1.12	-6.44
Missouri	38.00	37.32	45.13	24.68	7.81	-16.87	62.00	62.68	54.87	-24.68	-7.81	16.87
Nebraska	43.70	46.33	41.10	2.63	-5.23	-2.60	56.30	53.67	58.90	-2.63	5.23	2.60
New York	29.60	29.72	36.76	0.12	7.04	7.16	70.40	70.28	63.24	-0.12	-7.04	-7.16
Ohio	49.24	47.34	48.32	-1.90	0.98	-0.92	50.76	52.66	51.68	1.90	-0.98	0.92

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, Department of Health, Education, & Welfare, Washington, D.C., FY 1971 and 1972.

Fiscal 1973 data collected from various States.

Table 79 - Cooperative Vocational Education Enrollment as a Percent of Total Secondary and Post-Secondary Vocational Education Enrollment and Change, 1970-71, 1971-72 and 1972-73

States	Cooperative Vocational Education Enrollment as a Percent of Total Secondary and Post-Secondary Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	4.96[1]	5.27[1]	5.73	0.31[1]	0.46	0.77
Alabama	5.33	7.95	7.79	2.62	-0.16	2.46
Alaska	48.15	32.29	9.90	-15.86	-22.39	-38.25
Arizona	5.63	8.25	6.97	2.62	-1.28	1.34
Arkansas	5.95	4.30	5.15	-1.65	0.85	-0.80
California	2.90	3.33	4.44	0.43	1.11	1.54
Colorado	4.44	1.52	13.84	-2.92	12.32	9.40
Connecticut	3.06	3.97	3.60	0.91	-0.37	0.54
Delaware	2.52	6.39	6.29	-3.87	-0.10	3.77
Dist. of C.	17.14	7.22	10.06	-9.92	2.84	-7.08
Florida	7.27	7.79	4.15	0.52	-3.64	-3.12
Georgia	5.04	7.65	8.77	2.61	1.12	3.73
Hawaii	2.71	3.84	4.45	1.13	0.61	1.74
Idaho	5.58	5.51	4.73	-0.07	-0.78	-0.85
Illinois	1.53	1.36	2.49	-0.17	1.13	0.96
Indiana	12.85	9.49	7.30	-3.36	-2.19	-5.55
Iowa	12.99	11.71	8.32	-1.28	-3.39	-4.67
Kansas	4.36	5.16	6.28	0.80	1.12	1.92
Kentucky	3.35	3.75	5.25	0.40	1.50	1.90
Louisiana	3.23	4.15	4.19	0.92	0.04	0.96
Maine	3.70	5.10	4.67	1.40	-0.43	0.97
Maryland	2.71	3.02	5.07	0.31	2.05	2.36
Massachusetts	2.54	2.72	2.82	0.18	0.10	0.28
Michigan	10.93	11.74	12.80	0.81	1.06	1.87
Minnesota	4.96	5.08	8.90	0.12	3.82	3.94
Mississippi	3.09	3.41	3.46	0.32	0.05	0.37
Missouri	5.85	5.01	11.60	-0.84	6.59	5.75
Montana	4.19	4.27	4.80	0.08	0.53	0.61
Nebraska	4.00	8.60	6.07	4.60	-2.53	2.07
Nevada	7.66	8.17	7.96	0.51	-0.21	0.30
New Hampshire	0.88	1.67	2.42	0.79	0.75	1.54
New Jersey	4.25	2.96	4.82	-1.29	1.86	0.57
New Mexico	6.92	6.65	4.31	-0.27	-2.34	-2.61
New York	2.68	2.60	2.33	-0.08	-0.27	-0.35
N. Carolina	9.99	8.23	7.14	-1.76	-1.09	-2.85
N. Dakota	8.51	10.88	7.23	2.37	-3.65	-1.28
Ohio	15.11	16.44	10.99	1.33	-5.45	-4.12
Oklahoma	12.46	13.48	9.80	1.02	-3.68	-2.66
Oregon	6.96	5.83	0.84	-1.13	-4.99	-6.12
Pennsylvania	3.54	4.70	4.84	1.16	0.14	1.30
Rhode Island	6.55	9.03	4.31	2.48	-4.72	-2.24
S. Carolina	3.40	4.79	1.09	1.39	-3.70	-2.31
S. Dakota	5.60	8.28	8.25	2.68	-0.03	2.65
Tennessee	5.72	3.14	6.37	-2.58	3.23	0.65
Texas	9.26	11.46	13.82	2.20	2.36	4.56
Utah	1.70	4.66	0.77	2.96	-3.89	-0.93
Vermont	4.74	7.85	6.26	3.11	-1.59	1.52
Virginia	7.28	9.15	7.27	1.87	-1.88	-0.01
Washington	3.64	3.01	4.96	-0.63	1.95	1.32
W. Virginia	2.51	2.97	2.09	0.46	-0.88	-0.42
Wisconsin	2.89	2.55	2.15	-0.34	-0.40	-0.74
Wyoming	6.46	8.70	8.82	2.24	0.12	2.36
Puerto Rico	5.31	3.34	8.77	-1.97	5.43	3.46

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Table 80 - Work Study Vocational Education Enrollment As a Percent of Total Secondary and Post-Secondary Vocational Education Enrollment, and Change, 1970-71, 1971-72 and 1972-73

States	Work Study Vocational Education Enrollment as a Percent of Total Secondary and Post-Secondary Vocational Education Enrollment			Difference in Percentage Points		
	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	0.38[1]	0.37[1]	0.39	-0.01[1]	0.02	0.01
Alabama	0.36	0.66	0.58	0.30	-0.08	0.22
Alaska	1.49	0.41	0.37	-1.08	-0.04	-1.12
Arizona	0.06	0.42	0.40	0.36	-0.02	0.34
Arkansas	0.62	0.53	0.48	-0.09	-0.05	-0.14
California	0.27	0.38	0.30	0.11	-0.08	0.03
Colorado	0.25	0.84	0.60	0.59	-0.24	0.35
Connecticut	0.24	0.26	0.18	0.02	-0.08	-0.06
Delaware	0.47	0.52	1.63	0.05	1.11	1.16
Dist. of C.	1.48	2.04	1.08	0.56	-0.96	-0.40
Florida	0.77	0.36	0.08	-0.41	-0.28	-0.69
Georgia	0.37	0.56	0.29	0.19	-0.27	-0.08
Hawaii	1.19	1.21	2.14	0.02	0.93	0.95
Idaho	0.39	0.63	0.60	0.24	-0.03	0.21
Illinois	0.07	0.06	0.09	-0.01	0.03	0.02
Indiana	0.31	0.41	0.53	0.10	0.12	0.22
Iowa	0.38	0.38	0.94	0.00	0.56	0.56
Kansas	0.96	0.82	1.22	-0.14	0.40	0.26
Kentucky	0.88	0.89	0.81	0.01	-0.08	-0.07
Louisiana	0.77	0.55	0.61	-0.22	0.06	-0.16
Maine	1.10	1.15	0.50	0.05	-0.65	-0.60
Maryland	0.31	0.19	0.15	-0.12	-0.04	-0.16
Massachusetts	0.63	1.28	1.50	0.65	0.22	0.87
Michigan	0.67	0.57	0.62	-0.10	0.05	-0.05
Minnesota	0.26	0.31	0.40	0.05	0.09	0.14
Mississippi	0.66	0.46	0.26	-0.20	-0.20	-0.40
Missouri	0.42	0.52	0.72	0.10	0.20	0.30
Montana	0.40	0.34	0.86	-0.06	0.52	0.46
Nebraska	0.63	0.55	0.47	-0.08	-0.08	-0.16
Nevada	0.36	0.42	0.24	0.06	-0.18	-0.12
New Hampshire	0.16	0.34	0.19	0.18	-0.15	0.03
New Jersey	0.73	0.80	1.21	0.07	0.41	0.48
New Mexico	0.46	0.44	0.37	-0.02	-0.07	-0.09
New York	0.19	0.21	0.21	0.02	0.00	0.02
N. Carolina	0.37	0.24	0.17	-0.13	-0.07	-0.20
N. Dakota	0.32	0.35	0.34	0.03	-0.01	0.02
Ohio	0.40	0.38	0.24	-0.02	-0.14	-0.16
Oklahoma	0.73	0.70	0.32	-0.03	-0.38	-0.41
Oregon	0.25	0.33	0.28	0.08	-0.05	0.03
Pennsylvania	0.49	0.56	0.62	0.07	0.06	0.13
Rhode Island	1.71	0.41	0.23	-1.30	-0.18	-1.48
S. Carolina	0.39	0.52	0.63	0.13	0.11	0.24
S. Dakota	0.65	0.73	0.57	0.08	-0.16	-0.08
Tennessee	1.25	0.65	1.03	-0.60	0.38	-0.22
Texas	0.13	0.26	0.18	0.13	-0.08	0.05
Utah	0.33	0.12	0.15	-0.21	0.03	-0.18
Vermont	0.98	1.02	1.15	0.04	0.13	0.17
Virginia	0.30	0.36	0.45	0.06	0.09	0.15
Washington	0.27	0.24	0.30	-0.03	0.06	0.03
W. Virginia	0.62	0.54	0.44	-0.08	-0.10	-0.18
Wisconsin	0.59	0.46	0.32	-0.13	-0.14	-0.27
Wyoming	4.06	0.38	0.38	-3.68	0.00	-3.68
Puerto Rico	0.81	0.00	0.57	-0.81	0.57	-0.24

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

Table 81 – Total Expenditures Per Student in Secondary,
Post-Secondary and Adult Vocational Education,
1970-71, 1971-72 and 1972-73

States	Total Federal, State and Local Expenditures for Vocational Education			Total Expenditure Per Student in Vocational Education		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
U.S. TOTAL	2,399,025,018	2,654,338,633	3,026,027,939	228.79[1]	229.02[1]	250.82
Alabama	36,089,970	37,968,073	37,905,610	235.00	228.03	203.58
Alaska	4,093,640	4,965,839	6,256,855	309.46	237.07	251.01
Arizona	14,294,774	17,702,074	21,772,726	160.83	170.79	161.29
Arkansas	13,879,295	16,206,618	16,960,997	127.27	139.85	142.25
California	240,770,819	259,756,320	276,170,235	197.66	210.51	224.93
Colorado	23,857,705	28,923,050	33,634,197	220.10	284.89	307.45
Connecticut	32,337,605	39,124,769	43,465,826	242.14	223.52	241.16
Delaware	7,289,906	8,660,371	9,812,230	200.37	199.42	200.54
Dist. of C.	3,867,496	NA	NA	346.92	NA	NA
Florida	75,390,000	94,466,988	128,935,304	163.34	156.17	181.85
Georgia	46,255,518	52,264,269	48,025,369	169.93	171.01	139.58
Hawaii	7,217,678	7,806,369	8,046,324	162.18	173.09	186.72
Idaho	6,253,438	7,307,127	7,897,530	205.56	218.41	215.20
Illinois	182,987,078	189,099,311	209,710,964	149.03	137.05	192.29
Indiana	28,190,332	35,810,152	34,928,486	214.63	231.69	221.98
Iowa	31,716,697	34,530,677	43,673,732	247.95	258.76	268.75
Kansas	16,353,924	19,623,161	21,341,282	168.37	186.83	217.59
Kentucky	28,299,587	34,479,088	32,738,400	194.73	209.13	176.66
Louisiana	23,208,602	32,175,081	38,347,498	133.07	182.41	207.24
Maine	10,164,358	15,796,302	17,109,374	433.18	528.79	424.22
Maryland	56,507,853	67,027,531	73,090,639	347.18	311.30	315.03
Massachusetts	122,084,883	128,815,407	145,390,052	1,001.10	786.42	825.81
Michigan	52,195,200	54,056,557	75,463,982	163.08	157.60	214.95
Minnesota	48,285,289	56,385,955	84,786,679	168.71	187.04	286.03
Mississippi	20,834,937	26,380,372	26,662,487	195.61	228.82	211.66
Missouri	36,421,005	45,208,574	48,176,784	242.39	268.38	465.57
Montana	6,818,544	8,569,050	8,764,902	249.50	250.67	264.25
Nebraska	11,124,629	12,512,758	15,000,732	170.31	169.41	178.63
Nevada	3,735,613	4,302,443	4,514,565	200.24	196.14	125.20
New Hampshire	5,806,056	7,492,673	8,628,923	131.43	213.01	224.23
New Jersey	39,252,342	42,542,030	62,272,762	119.02	124.24	171.31
New Mexico	8,956,384	10,191,833	15,311,082	170.25	178.74	232.06
New York	296,270,454	328,653,372	376,328,709	356.17	357.26	394.99
N. Carolina	82,522,353	99,029,216	113,315,533	198.44	203.18	208.07
N. Dakota	5,697,543	6,059,333	6,644,531	217.33	185.65	180.02
Ohio	184,557,094	139,092,332	148,708,188	442.60	311.05	253.47
Oklahoma	27,568,857	28,551,802	29,502,464	262.84	264.32	262.56
Oregon	22,929,003	27,512,230	53,435,495	205.04	204.28	411.64
Pennsylvania	152,053,451	172,056,004	169,146,304	450.08	525.42	474.73
Rhode Island	6,399,376	8,849,940	10,140,958	348.36	442.67	403.03
S. Carolina	21,141,336	24,757,946	24,089,234	206.51	222.75	191.49
S. Dakota	4,654,284	5,444,718	5,969,020	183.43	206.47	203.28
Tennessee	31,927,301	39,899,987	45,867,096	222.37	261.19	281.28
Texas	106,445,471	130,240,601	150,657,652	175.00	201.02	211.88
Utah	16,509,722	18,455,058	21,620,186	151.74	160.21	203.94
Vermont	10,966,762	9,355,445	9,167,899	815.91	551.84	488.36
Virginia	39,451,942	44,987,840	50,802,695	130.67	133.73	136.63
Washington	43,657,618	53,491,851	68,678,333	189.00	207.46	261.26
W. Virginia	11,349,872	14,498,425	17,678,782	191.67	228.31	277.31
Wisconsin	63,622,648	71,469,433	84,686,470	335.29	281.93	280.51
Wyoming	4,755,119	4,632,798	5,189,028	287.99	234.15	260.13
Puerto Rico	22,003,155	27,149,480	29,602,834	172.74	201.26	212.09

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and 1973.

U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and 1973.

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Total Expenditure Per Secondary Student in Vocational Education			Total Expenditure Per Post-Secondary Student in Vocational Education			Total Expenditure Per Adult Student in Vocational Education		
1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
238.18[1]	241.45[1]	270.13	534.00	538.15	623.28	75.00	64.49	56.58
227.81	227.86	213.62	789.00	701.91	645.34	22.00	17.24	8.37
356.26	323.73	345.32	1,118.00	335.82	844.53	36.00	27.96	13.87
175.71	209.48	216.18	200.00	153.56	134.07	58.00	78.12	53.52
135.55	143.27	140.49	858.00	963.94	986.40	10.00	12.79	14.49
204.38	207.64	253.52	309.00	339.34	363.96	70.00	79.72	74.70
255.94	368.21	441.62	557.00	588.61	483.23	22.00	27.53	27.87
226.61	197.79	236.00	82.00	918.88	1,033.38	47.00	53.04	51.81
122.65	133.46	135.54	4,271.00	2,690.15	2,844.32	73.00	51.68	54.77
505.23	NA	NA	492.00	NA	NA	87.00	NA	NA
214.93	146.95	207.83	249.00	406.22	322.81	58.00	68.13	60.98
152.82	183.05	122.09	1,084.00	603.00	664.16	43.00	30.60	28.53
100.34	131.62	153.09	565.00	422.88	382.30	38.00	34.86	44.55
132.59	143.83	147.22	1,162.00	1,216.28	1,099.02	13.00	11.31	15.23
116.19	116.28	170.13	662.00	374.59	483.82	252.00	319.90	164.77
267.83	297.11	261.66	672.00	674.46	815.39	22.00	12.59	16.97
165.78	183.47	187.81	1,537.00	1,390.10	1,857.10	39.00	41.21	31.19
236.69	246.94	291.65	749.00	711.52	828.23	16.00	19.52	20.82
217.80	200.30	190.70	813.00	927.44	646.51	33.00	51.14	51.43
109.09	164.46	202.76	420.00	516.39	448.18	49.00	78.14	61.42
433.87	490.39	459.39	1,846.00	1,685.71	2,092.07	37.00	30.74	42.16
390.87	345.13	326.22	626.00	481.46	675.12	24.00	59.38	29.32
1,175.94	943.26	962.83	849.00	881.40	1,062.84	21.00	67.98	110.48
196.21	199.83	264.74	365.00	213.95	416.87	39.00	42.26	19.88
89.26	113.49	153.14	1,483.00	1,532.09	2,300.34	33.00	37.83	46.47
202.36	248.83	241.02	896.00	1,030.53	810.83	36.00	34.64	35.94
276.56	311.21	531.12	184.00	503.15	908.04	35.00	35.47	67.37
219.84	212.01	203.38	967.00	959.52	720.69	13.00	10.08	36.16
149.10	160.48	152.77	937.00	770.75	849.43	17.00	14.90	23.48
212.54	203.01	132.59	303.00	350.73	170.82	90.00	92.24	58.16
87.16	162.53	197.17	1,136.00	1,298.36	1,064.06	103.00	68.06	75.12
155.64	157.72	213.08	174.00	235.12	340.37	18.00	20.01	27.05
161.05	154.16	141.88	393.00	579.53	1,375.27	42.00	47.49	101.94
328.40	347.79	412.20	800.00	821.05	932.20	209.00	214.73	146.48
213.05	202.06	200.34	747.00	964.93	1,034.03	46.00	35.40	24.18
181.54	170.17	158.09	613.00	521.24	468.70	32.00	48.17	58.61
559.55	473.07	322.08	678.00	635.59	766.65	299.00	86.68	71.87
353.99	351.68	316.47	718.00	788.07	619.03	52.00	53.21	73.84
165.80	210.99	240.30	629.00	457.14	1,280.42	79.00	65.50	108.52
692.71	757.14	661.09	647.00	709.52	711.42	51.00	71.18	48.99
394.64	521.88	420.78	1,292.00	1,522.68	1,325.58	49.00	56.47	151.68
231.24	263.94	211.79	647.00	255.39	277.77	36.00	16.91	11.18
152.37	179.24	175.82	962.00	919.08	960.01	25.00	20.91	32.87
174.14	244.65	243.86	859.00	796.26	861.99	40.00	55.59	93.06
236.03	280.57	309.12	577.00	606.44	565.20	21.00	22.00	24.04
145.78	125.56	155.05	364.00	580.44	1,024.02	32.00	48.40	31.02
1,013.97	727.52	600.48	1,555.00	1,924.53	2,237.20	37.00	16.71	18.70
169.37	186.74	190.98	337.00	343.91	197.39	22.00	18.22	20.92
159.50	213.89	339.87	382.00	372.89	718.66	50.00	48.21	15.63
256.23	319.69	369.84	929.00	535.57	702.26	40.00	33.42	31.69
111.80	82.85	70.95	1,201.00	1,027.72	978.24	121.00	124.13	142.08
210.92	171.81	196.95	1,093.00	1,012.37	743.50	216.00	44.53	68.59
186.81	208.73	220.98	251.00	281.78	296.52	91.00	137.10	135.71

Table 82 - Total Expenditures for Disadvantaged Vocational Education Students as a Percent of Total Vocational Education Expenditures and Change, 1970-71, 1971-72 and 1972-73

States	Total Expenditures for Disadvantaged Vocational Education Students			Percent of Total Vocational Education Expenditures[1]			Difference in Percentage Points		
	1970-1971	1971-1972	1972-73	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	229,837,957	286,785,154	318,694,933	9.6	10.8	10.5	1.2	-0.3	0.9
Alabama	3,067,604	2,460,648	2,919,003	8.5	6.5	7.7	-2.0	1.2	-0.8
Alaska	2,231,538	1,889,534	1,814,721	54.5	38.1	29.0	-16.4	-9.1	-25.5
Arizona	1,511,803	1,376,836	1,539,704	10.6	7.8	7.1	-2.8	-0.7	-3.5
Arkansas	3,488,537	3,730,455	3,499,956	25.1	23.1	20.6	-2.0	-2.5	-4.5
California	23,018,308	26,716,857	17,238,593	9.6	10.3	6.2	0.7	-4.1	-3.4
Colorado	1,893,165	1,556,440	1,368,903	7.9	5.4	4.1	-2.5	-1.3	-3.8
Connecticut	3,778,338	6,085,519	9,468,531	11.7	15.6	21.8	3.9	6.2	10.1
Delaware	270,012	408,845	658,108	3.7	4.7	6.7	1.0	2.0	3.0
Dist. of C.	507,445	NA	NA	13.1	NA	NA	NA	NA	NA
Florida	9,782,010	11,995,108	19,494,277	13.0	12.7	15.1	-0.3	2.4	2.1
Georgia	5,045,890	4,486,004	2,970,505	10.9	8.6	6.2	-2.3	-2.4	-4.7
Hawaii	609,931	720,012	795,421	8.5	9.2	9.9	0.7	0.7	1.4
Idaho	305,700	469,150	427,245	4.9	6.4	5.4	1.5	-1.0	0.5
Illinois	20,360,635	22,266,374	36,812,663	11.1	11.8	17.6	0.7	5.8	6.5
Indiana	2,692,356	7,022,138	5,443,260	9.6	19.6	15.6	10.0	-4.0	6.0
Iowa	1,315,342	2,899,553	4,009,981	4.1	8.4	9.2	4.3	0.8	5.1
Kansas	1,639,411	967,980	1,611,232	10.0	4.9	7.5	-5.1	2.6	-2.5
Kentucky	1,865,541	2,323,850	3,242,214	6.6	6.7	9.9	0.1	3.2	3.3
Louisiana	5,056,185	7,310,553	8,987,971	21.8	22.7	23.4	0.9	0.7	1.6
Maine	406,576	765,556	960,379	4.0	4.9	5.6	0.9	0.7	1.6
Maryland	3,942,463	6,219,014	6,098,773	7.0	9.3	8.3	2.3	-1.0	1.3
Massachusetts	2,711,793	2,957,052	5,687,300	2.2	2.3	3.9	0.1	1.6	1.7
Michigan	3,889,606	1,893,034	3,400,250	7.5	3.5	4.5	-4.0	1.0	-3.0
Minnesota	2,456,524	3,223,562	4,503,555	5.1	5.7	5.3	0.6	-0.4	0.2
Mississippi	2,182,673	2,174,002	2,078,732	10.5	8.2	7.8	-2.3	-0.4	-2.7
Missouri	1,792,505	2,378,053	2,919,770	4.9	5.3	6.1	0.4	0.8	1.2
Montana	407,171	441,922	405,043	6.0	5.2	4.6	-0.8	-0.6	-1.4
Nebraska	798,820	1,278,967	1,626,927	7.2	10.2	10.8	3.0	0.6	3.6
Nevada	607,561	809,014	820,582	16.3	18.8	18.2	2.5	-0.6	1.9
New Hampshire	469,376	906,864	1,243,768	8.1	12.1	14.4	4.0	2.3	6.3
New Jersey	4,246,510	5,215,873	7,737,205	10.8	12.3	12.4	1.5	0.1	1.6
New Mexico	2,991,843	2,614,844	2,881,613	33.4	25.7	18.8	-7.7	-6.9	-14.6
New York	47,632,565	55,889,195	55,669,335	16.1	17.0	14.8	0.9	-2.2	-1.3
N. Carolina	3,629,837	3,277,737	4,699,696	4.4	3.3	4.1	-1.1	0.8	-0.3
N. Dakota	679,075	784,720	730,051	11.9	13.0	11.0	1.1	-2.0	-0.9
Ohio	7,668,356	22,052,457	20,853,890	4.2	15.9	14.0	11.7	-1.9	9.8
Oklahoma	6,282,579	8,461,997	6,754,942	22.8	29.6	22.9	6.8	-6.7	0.1
Oregon	1,553,176	1,223,388	1,397,506	6.8	4.5	2.6	-2.3	-1.9	-4.2
Pennsylvania	11,292,124	15,033,532	15,830,418	7.4	8.7	9.4	1.3	0.7	2.0
Rhode Island	968,430	1,182,534	1,522,270	15.1	13.4	15.0	-1.7	1.6	-0.1
S. Carolina	NA	2,849,089	3,140,873	NA	11.5	13.0	NA	1.5	NA
S. Dakota	1,079,321	1,408,973	653,480	23.2	25.9	10.9	2.7	-15.0	-12.3
Tennessee	3,302,279	3,864,142	4,832,876	10.3	9.7	10.5	-0.6	0.8	0.2
Texas	7,703,343	12,624,828	13,193,338	7.2	9.7	8.8	2.5	-0.9	1.6
Utah	956,738	1,520,870	2,075,970	5.8	8.2	9.6	2.4	1.4	3.8
Vermont	898,125	1,100,981	1,360,918	8.2	11.8	14.8	3.6	3.0	6.6
Virginia	7,943,559	9,612,126	5,603,675	20.1	21.4	11.0	1.3	-10.4	-9.1
Washington	3,439,128	693,550	4,767,184	7.9	1.3	6.9	-6.6	5.6	-1.0
W. Virginia	1,345,189	1,523,414	1,357,366	11.9	10.5	7.7	-1.4	-2.8	-4.2
Wisconsin	2,741,052	3,414,394	4,457,479	4.3	4.8	5.3	0.5	0.5	1.0
Wyoming	202,666	308,650	389,344	4.3	6.7	7.5	2.4	0.8	3.2
Puerto Rico	5,177,243	4,375,964	6,737,937	23.5	16.1	22.8	-7.4	6.7	-0.7

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[1] The percentages shown here should not be confused with the fifteen percent required by Federal law to be set aside for disadvantaged expenditures. The fifteen percent required is to be calculated by the States using Federal monies only.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and 1973.

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Table 83 - Total Expenditures for Handicapped Vocational Education Students as a Percent of Total Vocational Education Expenditures and Change, 1970-71, 1971-72 and 1972-73

States	Total Expenditures for Handicapped Vocational Education Students			Percent of Total Vocational Education Expenditures[1]			Difference in Percentage Points[1]		
	1970-1971	1971-1972	1972-1973	1970-71	1971-72	1972-73	1971-72 FY	1972-73 FY	1971-73 FY
U.S. TOTAL	62,424,962	86,138,395	94,150,830	2.6	2.5	3.1	-0.1	0.6	0.5
Alabama	1,444,414	1,089,871	1,170,618	4.0	2.9	3.1	-1.1	0.2	-0.9
Alaska	102,232	147,465	90,458	2.5	3.0	1.4	0.5	-1.6	-1.1
Arizona	407,646	565,128	504,437	2.9	3.2	2.3	0.3	-0.9	0.6
Arkansas	766,438	994,161	994,640	5.5	5.6	5.9	0.1	0.3	0.4
California	4,181,287	5,170,677	4,290,127	1.7	2.0	1.6	0.3	-0.4	-0.1
Colorado	1,337,573	1,363,464	1,732,137	5.6	4.7	5.1	-0.9	0.4	-0.5
Connecticut	1,407,305	629,165	1,201,025	4.4	1.6	2.8	-2.8	1.2	-1.6
Delaware	196,922	258,851	220,108	2.7	3.0	2.2	0.3	-0.8	-0.5
Dist. of C.	112,889	NA	NA	2.9	NA	NA	NA	NA	NA
Florida	2,093,965	3,254,498	4,339,183	2.8	3.5	3.4	0.7	-0.1	0.6
Georgia	1,190,194	1,572,443	1,266,328	2.6	3.0	~~2.6~~	0.4	-0.4	0.0
Hawaii	198,127	184,698	223,398	2.7	2.4	2.8	-0.3	0.4	0.1
Idaho	107,433	149,190	165,659	1.7	2.0	2.1	0.3	0.1	0.4
Illinois	4,078,434	4,474,563	20,323,663	2.2	2.4	9.7	0.2	7.3	7.5
Indiana	2,846,556	1,427,379	1,113,633	10.1	4.0	3.2	-6.1	-0.8	-6.9
Iowa	1,048,178	918,141	1,295,736	3.3	2.7	3.0	-0.6	0.3	-0.3
Kansas	820,161	353,585	672,303	5.0	1.8	3.2	-3.2	1.4	-1.8
Kentucky	696,088	806,800	1,387,548	2.5	2.3	4.2	-0.2	1.9	1.7
Louisiana	976,490	2,170,696	2,303,600	4.2	6.8	6.0	2.6	-0.8	1.8
Maine	217,420	229,404	227,839	2.1	1.5	1.3	-0.6	-0.2	-0.8
Maryland	1,823,297	1,348,105	1,237,939	3.2	2.0	1.7	-1.2	-0.3	-1.5
Massachusetts	2,067,996	1,802,002	1,830,338	1.7	1.4	1.3	-0.3	-0.1	-0.4
Michigan	1,269,381	415,356	1,324,420	2.4	0.8	1.8	-1.6	-1.6	-0.6
Minnesota	622,986	1,254,602	1,736,072	1.3	2.2	2.0	0.9	-0.2	0.7
Mississippi	303,148	645,337	1,091,882	2.4	2.5	4.1	0.1	1.6	1.7
Missouri	1,180,343	334,013	1,154,812	3.2	0.7	2.4	-2.5	1.7	-0.8
Montana	155,522	215,215	255,101	2.3	2.5	2.9	0.2	0.4	0.6
Nebraska	298,072	547,176	470,897	2.7	4.4	3.1	1.7	-1.3	0.4
Nevada	260,028	400,139	434,086	7.0	9.3	9.6	2.3	0.3	2.6
New Hampshire	375,802	345,663	485,289	6.5	4.6	5.6	-1.9	1.0	-0.9
New Jersey	1,633,969	2,561,905	2,480,258	4.2	6.0	4.0	1.8	-2.0	-0.2
New Mexico	616,987	595,535	416,234	6.9	5.8	2.7	-1.1	-3.1	-4.2
New York	9,662,632	9,868,739	11,357,339	3.3	3.0	3.0	-0.3	0.0	-0.3
N. Carolina	1,357,382	1,681,030	1,967,317	1.6	1.7	1.7	0.1	0.0	0.1
N. Dakota	206,474	220,498	251,052	3.6	3.6	3.8	0.0	0.2	0.2
Ohio	2,433,067	1,944,266	3,144,068	1.3	1.4	2.1	0.1	0.7	0.8
Oklahoma	601,214	758,869	888,920	2.2	2.7	3.0	0.5	0.3	0.8
Oregon	1,086,906	627,735	759,121	4.7	2.3	1.4	-2.4	-0.9	-3.3
Pennsylvania	3,228,985	3,960,570	5,043,067	2.1	2.3	3.0	0.2	0.7	0.9
Rhode Island	172,830	163,923	404,878	2.7	1.9	4.0	-0.8	2.1	1.3
S. Carolina	NA	713,888	713,891	NA	2.9	3.0	NA	0.1	NA
S. Dakota	196,463	259,967	152,672	4.2	4.8	2.6	0.6	-2.2	-1.6
Tennessee	742,731	1,361,195	1,696,733	2.3	3.4	3.7	1.1	0.3	1.4
Texas	2,572,924	3,439,207	3,300,495	2.4	2.6	2.2	0.2	-0.4	-0.2
Utah	545,192	368,123	661,276	3.3	2.0	3.1	-1.3	1.1	-0.2
Vermont	71,261	76,394	110,985	0.6	0.8	1.2	0.2	0.4	0.6
Virginia	848,715	1,042,723	1,930,326	2.2	2.3	3.8	0.1	1.5	1.6
Washington	1,655,699	460,653	2,428,495	3.8	0.9	3.5	-2.9	2.6	-0.3
W. Virginia	306,094	811,673	584,111	2.7	5.6	3.3	2.9	-2.3	0.6
Wisconsin	998,716	1,126,253	1,353,683	1.6	1.6	1.6	0.0	0.0	0.0
Wyoming	204,809	133,294	178,721	4.3	2.9	3.4	-1.4	0.5	-0.9
Puerto Rico	495,580	984,166	783,913	2.3	3.6	2.6	1.3	-1.0	0.3

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[1] The percentages shown here should not be confused with the ten percent required by Federal law to be set aside for handicapped expenditures. The ten percent required is to be calculated by the States using Federal monies only.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972, and 1973.

Table 84 – Total Federal Expenditure Per Student In Secondary, Post-Secondary, and Adult Vocational Education, 1970-71, 1971-72 and 1972-73

States	Total Federal Expenditures in Vocational Education			Total Federal Expenditure Per Student		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
U.S. TOTAL	393,926,863	464,487,460	479,725,797	37.56[1]	40.07[1]	39.76
Alabama	9,006,101	10,440,569	10,288,550	58.64	62.70	55.25
Alaska	772,996	911,311	948,096	58.43	43.50	38.03
Arizona	3,961,478	4,280,991	4,792,931	44.57	41.30	35.50
Arkansas	5,094,191	5,383,869	5,212,592	46.71	46.45	43.71
California	29,188,862	37,514,372	37,602,746	23.96	30.40	30.62
Colorado	4,466,425	4,902,324	5,578,225	41.20	48.28	50.98
Connecticut	4,174,700	3,872,558	5,822,344	31.25	22.12	32.30
Delaware	1,123,669	1,195,561	1,461,600	30.88	27.53	29.87
Dist. of C.	1,672,246	NA	NA	150.00	NA	NA
Florida	12,080,000	14,776,776	14,748,673	26.17	24.42	20.80
Georgia	11,145,017	15,285,261	12,447,116	40.94	50.01	36.18
Hawaii	1,681,626	2,261,254	2,061,716	37.78	50.13	47.84
Idaho	1,826,869	2,418,909	2,243,115	60.05	72.30	61.12
Illinois	16,938,697	19,847,913	20,579,761	13.79	14.38	18.87
Indiana	9,909,592	11,607,997	11,051,904	75.45	75.10	70.23
Iowa	5,074,073	6,323,342	7,476,727	39.66	47.38	46.00
Kansas	4,609,569	5,236,133	5,261,198	47.45	49.85	53.64
Kentucky	6,492,518	9,282,385	8,872,347	44.67	56.30	47.87
Louisiana	8,935,299	10,493,320	11,195,197	51.23	59.49	60.50
Maine	2,383,438	2,582,996	3,078,641	101.57	86.46	76.33
Maryland	6,422,063	7,062,959	8,652,929	39.45	32.80	37.30
Massachusetts	9,737,007	10,243,249	12,585,935	79.84	62.53	71.48
Michigan	15,131,134	12,704,063	19,917,111	47.27	37.03	56.73
Minnesota	7,901,314	8,957,851	8,572,956	27.60	29.71	28.92
Mississippi	5,700,562	7,431,764	6,161,837	53.52	64.46	48.91
Missouri	9,290,280	10,025,232	11,951,317	61.82	59.49	115.49
Montana	1,911,098	2,181,716	2,137,083	69.93	63.82	64.43
Nebraska	3,026,949	3,691,407	3,926,634	46.34	49.98	46.75
Nevada	928,451	1,205,099	1,269,004	49.76	54.93	35.19
New Hampshire	1,605,387	1,686,373	2,362,788	36.34	47.94	61.39
New Jersey	12,026,302	13,574,480	12,470,835	36.46	39.64	34.30
New Mexico	2,842,401	3,253,903	3,020,938	54.03	57.06	45.78
New York	30,051,848	33,816,266	33,610,057	36.12	36.75	35.27
N. Carolina	12,742,870	15,634,072	16,170,875	30.64	32.07	29.69
N. Dakota	1,813,348	2,127,346	2,004,581	69.17	65.18	54.30
Ohio	20,865,391	22,497,469	23,521,379	50.03	50.31	40.09
Oklahoma	5,788,819	7,787,704	6,666,648	55.19	72.09	59.33
Oregon	4,230,039	5,209,528	4,672,843[2]	37.82	38.68	35.99
Pennsylvania	19,459,164	27,662,281	24,144,755	57.59	84.47	67.76
Rhode Island	1,259,061	1,760,944	2,774,583	68.53	88.08	110.26
S. Carolina	7,188,102	9,382,521	8,072,510	70.21	84.41	64.16
S. Dakota	1,802,130	2,134,896	1,955,775	71.02	80.95	66.60
Tennessee	8,498,056	9,474,245	10,904,436	59.19	62.02	66.87
Texas	20,980,590	26,193,555	33,487,600	34.49	40.42	47.10
Utah	2,601,601	3,108,991	3,038,982	23.91	26.99	28.66
Vermont	1,296,394	953,379	1,364,740	96.45	56.23	72.69
Virginia	9,842,320	12,243,977	11,505,591	32.60	36.39	30.94
Washington	7,222,056	8,984,173	7,324,609	31.26	34.84	27.86
W. Virginia	4,176,373	5,233,603	5,323,288	70.53	82.41	83.49
Wisconsin	8,341,753	9,190,528	10,205,479	43.96	36.25	33.80
Wyoming	980,917	846,273	1,155,718	59.40	42.77	57.93
Puerto Rico	7,725,717	9,610,772	8,068,502	60.65	71.24	57.81

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because students below grade nine have been added to secondary enrollment and therefore, to total Vocational Education enrollment.

[2] This does not include Fiscal 1973 Impounded funds received 12-73.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Federal Expenditure Per Secondary Student			Federal Expenditure Per Post-Secondary Student			Federal Expenditure Per Adult Student		
1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
38.22	40.72	41.27	96.34	93.87	96.13	11.49	14.35	12.17
81.63	83.41	76.21	37.24	89.21	74.62	14.16	3.41	3.06
61.57	60.21	58.53	222.08	46.20	54.45	17.15	10.23	5.74
46.47	50.02	50.73	46.18	26.88	20.31	36.33	48.84	27.35
45.01	41.97	41.70	354.52	375.16	308.30	4.35	5.11	6.05
31.24	37.73	44.13	26.68	34.48	42.37	8.73	12.15	2.22
39.81	57.43	47.31	137.38	114.01	149.20	4.36	6.03	8.55
27.71	16.40	30.11	80.31	76.82	127.76	8.25	12.85	15.41
30.06	26.65	30.30	140.67	142.51	115.79	13.78	0.00	0.00
223.84	NA	NA	201.04	NA	NA	33.22	NA	NA
36.00	27.89	26.03	52.83	59.85	39.11	1.91	2.41	1.72
26.87	45.51	25.61	404.58	256.61	217.83	5.66	4.30	8.96
21.94	37.75	40.68	144.78	128.72	100.17	3.25	5.23	6.50
35.30	43.90	38.40	360.99	423.35	333.33	6.30	5.99	4.79
10.94	11.64	16.24	50.83	39.21	46.55	32.68	59.43	26.24
95.67	91.73	83.32	198.21	235.76	208.13	10.46	11.45	13.23
31.24	37.17	41.80	221.36	250.19	296.42	7.76	5.73	3.59
64.81	61.13	68.46	209.79	191.43	199.49	6.51	9.89	9.84
48.08	53.78	42.10	177.15	249.69	234.96	12.85	14.02	18.81
36.85	54.33	58.73	192.12	127.33	134.10	21.20	37.88	17.56
104.98	101.30	86.12	379.60	364.65	327.13	5.99	11.55	9.39
34.91	36.31	37.73	127.84	52.86	75.48	11.00	5.31	10.35
86.78	68.34	57.76	150.61	106.54	273.98	8.18	18.52	35.01
67.95	52.74	78.68	77.19	40.21	81.76	6.01	5.67	5.21
11.89	18.54	15.51	266.12	242.97	201.37	5.19	5.21	11.05
49.97	70.97	59.41	287.25	287.79	160.92	9.13	8.97	7.95
67.78	65.15	119.35	153.85	131.07	309.51	10.33	12.74	24.76
68.41	50.39	41.41	224.98	265.21	214.68	5.94	1.49	5.23
48.86	63.55	55.84	192.83	134.96	133.22	5.55	4.30	4.75
51.36	56.75	36.81	81.09	94.15	47.52	19.56	28.55	18.40
29.09	45.92	57.93	143.47	78.07	136.59	67.98	47.04	52.83
45.77	49.16	42.44	87.09	106.87	82.09	2.48	3.48	2.93
45.54	44.14	31.88	154.98	221.[illegible]	242.13	17.44	21.11	11.31
30.66	26.26	24.25	69.77	62.45	59.33	28.65	45.62	36.16
42.85	45.49	44.07	97.32	109.67	90.12	0.00	0.00	0.00
65.57	63.88	46.52	155.93	144.18	136.96	16.16	27.11	24.39
65.07	56.22	34.42	216.30	164.17	249.55	21.73	31.61	26.84
58.56	85.05	59.90	319.99	334.71	210.05	12.66	13.90	23.14
31.60	37.04	32.94	118.28	96.95	72.92	11.32	6.86	13.97
71.15	114.59	84.87	185.74	161.07	158.60	9.82	10.94	8.86
75.41	99.69	104.14	159.11	172.97	275.89	34.39	44.86	102.59
75.01	95.61	67.80	329.37	143.37	139.44	8.95	8.05	3.37
59.75	68.48	58.92	356.58	372.63	286.45	12.31	10.35	16.10
42.63	52.72	61.59	244.89	200.30	177.86	13.69	21.46	26.74
30.82	40.83	55.01	173.53	172.35	147.11	15.11	13.83	16.86
21.57	20.85	21.11	57.99	88.22	143.03	10.53	14.05	6.43
112.06	66.76	83.08	728.32	650.94	809.30	0.00	0.00	0.00
37.06	45.49	40.75	160.55	165.15	82.38	3.14	2.44	2.60
25.35	25.29	28.30	65.10	83.29	103.61	8.46	11.11	1.32
81.56	107.41	102.07	461.27	287.15	362.04	21.39	14.58	9.36
60.37	36.10	32.14	68.20	59.83	54.74	23.46	25.00	24.16
42.95	31.08	47.51	235.43	179.96	136.34	38.00	21.26	28.91
60.57	63.62	49.16	125.19	136.56	132.02	26.54	57.31	44.30

Table 85 - Ratio of State/Local Expenditures to Federal Expenditures for Vocational Education, 1970-71, 1971-72 and 1972-73

States	Total State/Local Expenditures for Vocational Education			Total Federal Expenditures for Vocational Education			Ratio of State/Local Expenditures to Federal Expenditures		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973	1970-71	1971-72	1972-73
U.S. TOTAL	2,005,098,155	2,189,851,173	2,546,302,142	393,926,863	464,487,460	479,725,797	5.09:1	4.71:1	5.31:1
Alabama	27,083,869	27,527,504	27,617,060	9,006,101	10,440,569	10,288,550	3.01:1	2.64:1	2.68:1
Alaska	3,320,644	4,054,528	5,308,759	772,996	911,311	948,096	4.30:1	4.45:1	5.60:1
Arizona	10,333,296	13,421,083	16,979,795	3,961,478	4,280,991	4,792,931	2.61:1	3.14:1	3.54:1
Arkansas	8,785,604	10,822,749	11,748,405	5,094,191	5,383,869	5,212,592	1.72:1	2.01:1	2.25:1
California	211,581,957	222,241,948	238,567,489	29,188,862	37,514,372	37,602,746	7.25:1	5.92:1	6.34:1
Colorado	19,391,280	24,020,726	28,055,972	4,466,425	4,902,324	5,578,225	4.34:1	4.90:1	5.02:1
Connecticut	28,162,905	35,252,211	37,643,482	4,174,700	3,872,558	5,822,344	6.75:1	9.10:1	6.47:1
Delaware	6,166,237	7,464,810	8,350,630	1,123,669	1,195,561	1,461,600	5.49:1	6.24:1	5.71:1
Dist. of C.	2,195,250	NA	NA	1,672,246	NA	NA	1.31:1	NA	NA
Florida	63,310,000	79,690,212	114,186,631	12,080,000	14,776,776	14,748,673	5.24:1	5.39:1	7.74:1
Georgia	35,110,501	36,979,008	35,578,253	11,145,017	15,285,261	12,447,116	3.15:1	2.42:1	2.86:1
Hawaii	5,536,052	5,545,115	5,984,608	1,681,626	2,261,254	2,061,716	3.29:1	2.45:1	2.90:1
Idaho	4,426,569	4,888,218	5,654,415	1,826,869	2,418,909	2,243,115	2.42:1	2.02:1	2.52:1
Illinois	166,048,381	169,251,398	189,131,203	16,938,697	19,847,913	20,579,761	9.80:1	8.53:1	9.19:1
Indiana	18,280,740	24,202,155	23,876,582	9,909,592	11,607,997	11,051,904	1.84:1	2.08:1	2.16:1
Iowa	26,642,624	28,207,335	36,197,005	5,074,073	6,323,342	7,476,727	5.25:1	4.46:1	4.84:1
Kansas	11,744,355	14,387,028	16,080,084	4,609,569	5,236,133	5,261,198	2.55:1	2.75:1	3.05:1
Kentucky	21,807,069	25,196,703	23,866,053	6,492,518	9,282,385	8,872,347	3.36:1	2.71:1	2.68:1
Louisiana	14,273,303	21,681,761	27,152,301	8,935,299	10,493,320	11,195,197	1.60:1	2.07:1	2.42:1
Maine	7,780,920	13,213,306	14,030,733	2,383,438	2,582,996	3,078,641	3.26:1	5.12:1	4.55:1
Maryland	50,085,790	59,964,572	64,437,710	6,422,063	7,062,959	8,652,929	7.80:1	8.49:1	7.45:1
Massachusetts	112,347,876	118,572,158	132,804,117	9,737,007	10,243,249	12,585,935	11.54:1	11.58:1	10.55:1
Michigan	37,064,066	41,352,494	55,546,871	15,131,134	12,704,063	19,917,111	2.45:1	3.26:1	2.79:1
Minnesota	40,383,975	47,428,104	76,213,723	7,901,314	8,957,851	8,572,956	5.11:1	5.29:1	8.89:1
Mississippi	15,134,375	18,948,608	20,500,650	5,700,562	7,431,764	6,161,837	2.65:1	2.55:1	3.32:1
Missouri	27,130,725	35,183,342	36,225,467	9,290,280	10,025,232	11,951,317	2.92:1	3.51:1	3.03:1
Montana	4,907,446	6,387,334	6,627,819	1,911,098	2,181,716	2,137,083	2.57:1	2.93:1	3.10:1
Nebraska	8,097,680	8,821,351	11,074,098	3,026,949	3,691,407	3,926,634	2.68:1	2.39:1	2.82:1
Nevada	2,807,162	3,097,344	3,245,561	928,451	1,205,099	1,269,064	3.02:1	2.57:1	2.55:1
New Hampshire	4,200,669	5,806,300	6,266,135	1,605,387	1,686,373	2,362,788	2.62:1	3.44:1	2.65:1
New Jersey	27,226,040	28,967,550	49,801,927	12,026,302	13,574,480	12,470,835	2.26:1	2.13:1	3.99:1
New Mexico	6,113,983	6,937,930	12,290,144	2,842,401	3,253,903	3,020,938	2.15:1	2.13:1	4.06:1
New York	266,218,606	294,837,106	342,718,652	30,051,848	33,816,266	33,610,057	8.86:1	8.72:1	10.19:1
N. Carolina	69,779,483	83,395,144	97,144,658	12,742,870	15,634,072	16,170,875	5.48:1	5.33:1	6.01:1
N. Dakota	3,884,195	3,931,987	4,639,950	1,813,348	2,127,346	2,004,581	2.14:1	1.85:1	2.31:1
Ohio	163,691,703	116,594,863	125,186,309	20,865,391	22,497,469	23,521,379	7.85:1	5.18:1	5.32:1
Oklahoma	21,780,038	20,764,098	22,835,816	5,788,819	7,787,704	6,666,648[1]	3.76:1	2.67:1	3.42:1
Oregon	18,698,964	22,302,702	48,762,652	4,230,039	5,209,528	4,672,843	4.42:1	4.28:1	10.43:1
Pennsylvania	132,594,287	144,394,723	145,001,549	19,459,164	27,661,281	24,144,755	6.81:1	5.22:1	6.00:1
Rhode Island	5,140,315	7,088,996	7,366,375	1,259,061	1,760,944	2,774,583	4.08:1	4.03:1	2.65:1
S. Carolina	13,953,234	15,375,425	16,016,724	7,188,102	9,382,521	8,072,510	1.94:1	1.64:1	1.98:1
S. Dakota	2,852,154	3,309,822	4,013,245	1,802,130	2,134,896	1,955,775	1.58:1	1.55:1	2.05:1
Tennessee	23,429,245	30,425,742	34,962,660	8,498,056	9,474,245	10,904,436	2.76:1	3.21:1	3.20:1
Texas	85,464,881	104,047,046	117,170,052	20,980,590	26,193,555	33,487,600	4.07:1	3.97:1	3.50:1
Utah	13,908,121	15,346,067	18,581,204	2,601,601	3,108,991	3,038,982	5.35:1	4.94:1	6.11:1
Vermont	9,670,368	8,402,066	7,803,159	1,296,394	953,379	1,364,740	7.46:1	8.81:1	5.71:1
Virginia	29,609,622	32,743,863	39,297,104	9,842,320	12,243,977	11,505,591	3.01:1	2.67:1	3.41:1
Washington	36,435,562	44,507,678	61,353,724	7,222,056	8,984,173	7,324,609	5.05:1	4.95:1	8.37:1
W. Virginia	7,173,499	9,264,822	12,355,494	4,176,373	5,233,603	5,323,288	1.72:1	1.77:1	2.32:1
Wisconsin	55,280,895	62,278,905	74,480,991	8,341,753	9,190,528	10,205,479	6.63:1	6.78:1	7.29:1
Wyoming	3,774,202	3,786,525	4,033,310	980,917	846,273	1,155,718	3.85:1	4.47:1	3.48:1
Puerto Rico	14,277,438	17,538,708	21,534,332	7,725,717	9,610,772	8,068,502	1.85:1	1.82:1	2.67:1

[1] This does not include Fiscal 1973 Impounded Funds received 12-73.

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and 1973.

Table 86 - Purchasing Power of Vocational Education Expenditures, 1963-73

TOTAL VOCATIONAL EDUCATION EXPENDITURES	FISCAL YEAR	TIME PER.	PURCHASING POWER OF VOCATIONAL EDUCATION EXPENDITURES AT AN INFLATION RATE OF			
			5%	7.5%	10%	1-10%
$ 308,899,618	1963	0	$ 308,899,618	$ 308,899,618	$ 308,899,618	$ 308,899,618*
332,785,114	1964	1	316,811,429	309,490,156	302,501,668	329,457,263
604,645,727	1965	2	548,413,674	523,018,553	499,437,370	586,506,355
799,894,562	1966	3	691,108,902	643,915,122	600,720,816	754,300,572
1,004,133,213	1967	4	826,401,632	752,095,774	685,822,982	910,748,824
1,192,862,965	1968	5	935,204,568	831,425,490	740,767,904	1,030,633,602
1,368,756,523	1969	6	1,022,461,120	886,954,225	771,978,677	1,115,536,566
1,866,152,701	1970	7	1,328,700,722	1,125,290,078	957,336,335	1,422,008,358
2,399,025,018	1971	8	1,626,538,964	1,345,853,036	1,111,945,659	1,693,711,663
2,654,338,633	1972	9	1,714,702,755	1,385,564,765	1,125,439,579	1,720,011,434
3,026,027,939	1973	10	1,864,033,211	1,470,649,579	1,165,020,757	1,782,330,456

*Base Year, 1963; no inflation considered.

Formula Used:

$$\left(\frac{1}{1 + \text{inflation rate}}\right)^{\text{number of years since base year}} \times \text{Given dollars in a year } n = \text{Present value in contrast to base year}$$

Source: Prepared by Robert Sartin, University of California, Los Angeles.

Table 87 - Follow-Up of All Vocational Education Students,
1970-71, 1971-72, and 1972-73

States	Completions			Left Prior to Normal Completion Time With Marketable Skills			Unknown		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
U.S. TOTAL	1,441,635[1]	1,560,145[1]	1,809,754	106,283[1]	137,022[1]	110,377	280,708[1]	285,560[1]	305,759
Alabama	19,557	21,606	25,461	2,628	3,417	4,290	1,956	2,028	1,979
Alaska	6,130	7,149	4,050	139	937	768	422	1,797	508
Arizona	12,143	32,127	20,895	322	808	905	2,242	660	NA
Arkansas	11,130	11,171	12,112	1,167	504	1,454	1,212	738	589
California	244,489	223,280	245,880	26,682	35,292	NA	68,025	67,222	66,748
Colorado	14,279	22,899	32,148	2,111	4,893	NA	2,423	3,315	2,849
Connecticut	15,386	17,377	19,924	160	940	1,600	1,116	1,064	1,237
Delaware	4,629	4,885	5,601	139	33	352	816	241	199
Dist. of C.	1,614	1,450	1,543	44	78	48	151	137	131
Florida	84,060	70,361	202,298	17,792	11,265	19,228	31,604	23,871	41,055
Georgia	29,003	32,216	79,753	2,352	4,084	NA	4,522	5,693	4,764
Hawaii	NA	NA	6,037	NA	NA	186[2]	NA	NA	2,323
Idaho	4,154	4,320	5,163	156	228	95	515	313	347
Illinois	69,449	87,995	116,368	5,503	7,085	11,962	11,866	12,058	18,377
Indiana	20,559	24,134	23,258	699	2,811	NA	2,749	3,202	1,670
Iowa	11,945	13,094	15,764	361	381	125	1,137	1,333	1,331
Kansas	8,851	8,418	13,990	166	412	1,072	655	526	1,209
Kentucky	17,306	NA	35,229	1,153	NA	2,057	2,315	NA	2,705
Louisiana	30,216	30,895	31,612	5,438	8,346	NA	4,456	3,867	3,370
Maine	5,350	6,084	8,377	10	141	292	669	346	2,144
Maryland	12,832	NA	22,741	1,473	NA	1,262	7,214	NA	1,171
Massachusetts	21,243	30,630	35,144	NA	1,095	1,624	NA	2,416	2,825
Michigan	80,767	63,805	71,038	4,847	2,714	13,712	21,839	15,620	34,241
Minnesota	39,839	41,560	47,835	NA	2,081	1,715	NA	3,347	4,610
Mississippi	9,317	10,905	13,777	512	448	NA[3]	886	1,006	2,295
Missouri	23,692	28,854	12,767	1,214	5,500	891	1,955	3,935	787
Montana	9,154	7,161	9,872	801	154	132	776	1,767	353
Nebraska	9,528	9,361	13,666	351	934	739	876	744	884
Nevada	3,402	6,075	13,341	103	632	817	837	1,593	6,198
New Hampshire	1,868	2,453	3,312	59	179	687	123	247	611
New Jersey	59,099	45,121	49,651	3,347	2,916	1,603	10,320	6,556	6,097
New Mexico	13,050	12,039	13,150	793	1,009	2,136	970	998	1,374
New York	145,240	152,152		1,308	2,725		34,317	38,998	
N. Carolina	25,907	64,962	88,831	1,014	8,527	10,094	1,292	13,468	25,151
N. Dakota	4,658	4,802	5,572	432	504	215	453	350	213
Ohio	36,853	40,629	43,446	392	NA	4,276	1,874	2,267	2,830
Oklahoma	25,577	30,963	25,990	494	422	869	2,966	3,046	2,192
Oregon	12,995	15,723	18,299	856	3,822	1,382	2,501	4,133	979
Pennsylvania	66,400	71,624	71,299	NA	NA	~~NA~~	NA	1,165	1,987
Rhode Island	1,481	1,830	3,209	56	88	292	195	217	186
S. Carolina	14,175	15,298	15,814	661	676	629	2,304	2,657	1,248
S. Dakota	5,344	4,135	5,126	237	302	297	614	430	319
Tennessee	25,276	29,695	40,289	8,519	8,138	10,623	10,892	4,126	10,833
Texas	54,826	93,129	103,771	7,454	4,473	NA[4]	5,433	9,604	9,318
Utah	21,846	19,083	23,764	107	594	254	11,818	1,157	2,498
Vermont	2,724	3,520	3,455	28	91	119	197	374	190
Virginia	38,702	34,721	36,306	1,456	3,039	3,798	2,519	3,766	2,808
Washington	26,483	31,203	43,217	2,428	3,633	4,031	13,251	5,959	6,993
W. Virginia	11,977	8,124	8,519	222	387	352	915	625	263
Wisconsin	23,514	29,022	27,749	97	147	NA	4,284	4,327	4,093
Wyoming	3,616	3,560	5,198	NA	137	342	236	341	449
Puerto Rico	NA	28,545	28,143	NA	NA	3,052	NA	21,910	18,228

Table 87 - Continued

BEST COPY AVAILABLE

States	Number Known to be not Available for Placement			Number Known to be Continuing Education at a Higher Level			Number Known to have been Available for Placement		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	[illegible]-1973	1970-1971	[illegible]-1972	1972-1973
U.S. TOTAL	337,766[1]	[illegible][1]	321,160	290,680[1]	319,203[1]	290,060	[illegible][1]	[illegible][1]	[illegible]
Alabama	6,491	6,816	6,419	3,447	4,406	4,037	13,738	16,180	17,063
Alaska	208	1,552	420	266	1,264	240	5,284	4,737	3,122
Arizona	3,564	12,531	4,869	2,317	7,793	[illegible]	6,659	19,744	16,026
Arkansas	3,422	3,640	3,914	1,953	2,414	2,556	7,663	7,297	7,609
California	19,452	71,071	52,468	48,807	51,109	32,413	108,347	120,279	124,836
Colorado	6,961	11,137	9,430	6,307	9,191	4,687	5,763	13,340	19,869
Connecticut	5,435	5,842	5,988	4,363	4,856	5,147	8,802	11,411	12,699
Delaware	1,439	227	519	945	604	321	2,513	435	4,883
Dist. of C.	327	222	286	152	137	251	1,139	1,091	1,126
Florida	17,216	16,628	25,268	9,699	11,802	14,012	35,240	41,127	135,975
Georgia	8,730	11,193	8,397	6,869	8,552	6,187	18,103	19,414	19,068
Hawaii	NA	NA	2,249	NA	NA	2,131	NA	NA	1,465
Idaho	1,540	[illegible]	1,862	863	1,264	1,438	2,179	2,535	2,954
Illinois	26,098	[illegible]	39,065	21,273	23,690	[illegible]	36,988	53,053	58,926
Indiana	4,521	[illegible]	4,602	2,420	2,501	[illegible]	13,988	19,686	16,986
Iowa	4,375	[illegible]	3,873	3,027	2,879	[illegible]	8,727	8,051	10,560
Kansas	3,155	2,409	4,458	2,128	1,826	[illegible]	5,207	5,895	8,323
Kentucky	5,954	NA	15,[illegible]	4,463	NA	[illegible]	10,190	NA	17,423
Louisiana	11,889	11,588	11,421	8,993	8,716	[illegible]	13,871	15,440	16,821
Maine	1,813	1,526	2,043	1,091	1,077	[illegible]	2,878	4,353	4,190
Maryland	46	NA	9,696	NA	NA	[illegible]	7,045	NA	11,874
Massachusetts	NA	8,431	8,964	3,829	6,218	[illegible]	14,817	20,878	23,355
Michigan	28,342	16,475	13,507	24,841	11,229	6,905	29,771	34,214	23,290
Minnesota	NA	8,197	7,844	5,475	5,740	[illegible]	30,820	32,097	35,381
Mississippi	2,700	3,312	3,311	2,064	2,363	[illegible]	6,243	7,035	8,171
Missouri	7,835	10,504	1,811	5,185	7,273	1,521	15,116	19,915	10,169
Montana	3,803	2,022	2,835	2,801	1,557	2,051	5,376	3,526	6,684
Nebraska	3,268	3,322	4,142	2,702	2,531	3,299	5,735	6,230	8,640
Nevada	1,029	1,975	2,244	668	1,147	1,032	1,639	3,139	4,899
New Hampshire	775	702	653	388	376	427	1,029	1,683	2,048
New Jersey	14,098	8,540	8,832	5,639	5,876	6,052	38,028	32,941	34,722
New Mexico	2,664	2,594	4,251	1,677	1,707	3,027	10,209	9,335	7,525
New York	38,705	41,169		28,530	31,662		73,526	74,710	
N. Carolina	10,259	17,193	21,537	7,732	10,496	11,736	15,370	42,873	42,143
N. Dakota	1,852	1,989	2,012	1,471	1,576	1,551	2,766	2,967	3,347
Ohio	8,581	4,736	8,824	4,142	4,323	4,113	26,790	NA	31,792
Oklahoma	11,106	9,012	6,195	9,212	6,704	4,593	11,999	19,327	17,603
Oregon	4,283	6,914	8,259	3,404	4,287	6,554	6,211	8,498	9,061
Pennsylvania	NA	18,740	17,400	14,008	11,805	11,916	44,144	51,719	51,912
Rhode Island	415	370	485	262	243	373	927	1,331	2,538
S. Carolina	4,240	4,761	4,781	2,938	3,270	3,380	8,292	8,159	9,785
S. Dakota	1,779	1,497	1,899	1,010	1,011	1,395	3,188	2,510	2,908
Tennessee	4,717	9,272	6,263	2,811	3,851	4,348	18,186	24,435	23,193
Texas	18,187	24,402	22,657	13,947	16,498	15,267	38,660	63,596	71,796
Utah	7,075	6,633	6,495	3,760	5,753	5,034	3,060	11,887	14,771
Vermont	953	1,175	854	517	514	[illegible]	1,602	2,062	2,411
Virginia	10,549	11,185	13,335	7,646	7,815	[illegible]	27,090	22,809	20,163
Washington	7,381	12,408	16,781	5,814	10,154	11,644	8,279	16,469	19,443
W. Virginia	2,941	2,390	2,419	1,408	1,533	1,555	5,642	5,496	5,837
Wisconsin	5,926	6,518	5,539	4,092	4,958	4,287	13,398	18,324	18,117
Wyoming	1,647	1,692	1,762	1,324	1,309	1,578	1,686	1,664	2,087
Puerto Rico	NA	1,724	2,921	NA	1,343	2,429	NA	4,911	[illegible]

Table 87 - Continued

States	Number Known to have been Employed Full Time in Field Trained or Related Field			Number Known to be Unemployed			Number of Students Employed in Field Other than that for which Trained or Related Field		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
U.S. TOTAL	540,143[1]	661,050[1]	692,498	74,642[1]	86,923[1]	92,323	124,554[1]	203,068[1]	248,662
Alabama	10,258	13,059	14,179	1,550	1,616	1,293	1,930	1,585	1,591
Alaska	4,807	4,605	2,690	477	132	216	0	0	216
Arizona	4,339	14,000	9,551	839	1,433	1,431	1,481	4,311	5,044
Arkansas	5,552	5,788	5,909	662	603	581	1,449	906	1,119
California	69,493	79,698	81,009	12,785	11,177	11,286	26,069	29,404	32,541
Colorado	3,711	7,267	8,864	1,206	1,635	1,518	846	4,434	7,487
Connecticut	6,464	8,510	9,604	688	817	656	1,650	2,084	2,439
Delaware	1,941	2,989	3,789	303	356	543	269	--	551
Dist. of C.	1,066	995	1,004	29	15	69	44	81	53
Florida	29,027	35,497	73,599	3,933	4,201	21,886	2,280	1,434	40,490
Georgia	16,884	17,416	14,442	1,219	1,998	1,211	0	0	3,415
Hawaii	NA	NA	1,007	NA	NA	159	NA	NA	299
Idaho	1,756	2,170	2,594	300	203	197	123	162	163
Illinois	25,283	39,487	37,875	3,487	3,630	1,347	8,218	9,936	17,704
Indiana	11,087	15,229	14,090	1,778	1,844	1,185	1,123	2,613	1,711
Iowa	5,048	5,318	8,060	507	410	466	3,172	2,323	2,034
Kansas	3,916	5,339	7,202	530	556	271	761	0	850
Kentucky	7,187	NA	12,924	1,774	NA	1,432	1,229	NA	3,067
Louisiana	12,516	13,918	12,834	1,355	1,522	1,196	0	0	2,791
Maine	1,445	2,207	2,547	336	978	330	1,097	1,168	1,313
Maryland	6,699	NA	8,397	2,654	NA	523	--	NA	2,954
Massachusetts	7,312	15,032	15,200	NA	1,662	2,436	NA	4,184	5,699
Michigan	17,501	20,424	15,531	4,083	3,496	1,732	8,187	10,294	6,027
Minnesota	19,452	20,223	29,829	NA	3,300	1,670	NA	8,574	3,882
Mississippi	4,603	4,680	5,452	417	729	657	1,223	1,626	2,062
Missouri	10,203	13,766	5,362	1,724	1,766	531	3,189	4,383	4,276
Montana	5,037	2,993	5,620	339	533	87	0	0	977
Nebraska	4,848	5,092	6,717	887	650	300	0	488	1,623
Nevada	553	1,308	2,005	221	337	824	865	1,494	2,070
New Hampshire	795	1,083	1,578	131	96	131	103	504	339
New Jersey	28,579	23,957	25,686	3,001	1,863	1,674	6,448	7,121	7,362
New Mexico	9,587	8,116	5,550	622	1,138	724	0	101	1,251
New York	41,024	42,476		10,717	9,442		21,785	22,792	
N. Carolina	14,308	30,752	31,765	1,062	1,619	1,877	0	10,502	8,501
N. Dakota	2,497	2,670	2,593	259	297	325	10	0	429
Ohio	19,254	21,234	22,369	2,211	1,724	1,651	5,325	6,345	7,772
Oklahoma	9,962	15,553	14,088	634	830	397	1,403	2,944	3,118
Oregon	3,266	4,076	6,378	1,091	1,722	921	1,854	2,700	1,762
Pennsylvania	16,174	19,077	21,400	NA	6,132	7,809	NA	26,510	22,703
Rhode Island	708	982	2,163	62	70	81	157	279	294
S. Carolina	5,838	5,766	6,400	769	707	670	1,685	1,886	2,715
S. Dakota	2,454	2,054	2,194	260	182	161	474	274	553
Tennessee	13,744	19,140	16,429	1,539	2,457	1,873	2,903	2,838	4,891
Texas	30,421	49,621	57,218	1,966	3,139	2,787	6,273	10,836	11,791
Utah	1,085	8,631	12,307	777	467	412	1,198	2,789	1,852
Vermont	904	1,447	1,287	153	207	220	545	408	904
Virginia	21,623	16,404	11,037	2,038	2,492	3,031	3,429	3,913	6,095
Washington	6,685	11,503	13,150	696	2,098	1,992	898	2,868	4,301
W. Virginia	3,446	3,810	3,707	1,211	917	553	985	769	1,577
Wisconsin	8,164	12,660	12,900	1,360	1,428	930	3,874	4,236	4,287
Wyoming	1,637	1,467	2,502	NA	197	176	NA	0	379
Puerto Rico	NA	1,566	1,711	NA	2,100	3,945	NA	1,245	1,338

Table 87 - Continued

BEST COPY AVAILABLE

States	Number of Students Employed as a Percent of Total Completions and Early Leavers with Marketable Skills			Number of Students Employed as a Percent of the Number Available for Work		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
U.S. TOTAL	42.94[1]	50.92[1]	49.02	84.79[1]	94.05[1]	91.07
Alabama	54.94	58.20	53.01	88.72	90.01	92.42
Alaska	76.68	56.95	60.32	90.97	97.21	93.08
Arizona	46.69	55.60	66.95	87.40	92.74	91.07
Arkansas	56.93	57.34	51.81	91.36	91.74	92.36
California	35.24	42.19	46.18	88.20	90.71	90.96
Colorado	27.80	42.12	50.86	79.07	87.74	82.29
Connecticut	52.19	57.84	55.95	92.18	92.84	94.83
Delaware	46.35	60.78	72.90	87.94	--	88.88
Dist. of C.	66.95	70.42	66.44	97.45	98.63	93.87
Florida	30.74	45.24	51.50	88.84	89.79	83.90
Georgia	53.85	47.98	22.39	93.27	89.71	93.65
Hawaii	NA	NA	20.99	NA	NA	89.15
Idaho	43.60	51.28	52.43	86.23	91.99	93.33
Illinois	44.70	51.98	43.31	90.57	93.16	94.32
Indiana	57.44	66.22	67.94	87.29	90.63	93.02
Iowa	66.80	56.71	63.53	94.19	94.91	95.59
Kansas	51.87	60.46	53.46	89.82	90.57	96.74
Kentucky	41.59	NA	42.89	82.59	NA	91.78
Louisiana	35.10	35.47	49.43	90.23	90.14	92.89
Maine	47.43	54.22	44.53	88.33	77.53	92.12
Maryland	46.83	NA	47.29	95.09	NA	95.60
Massachusetts	NA	60.57	56.84	NA	92.04	89.48
Michigan	30.00	46.17	25.44	86.29	89.78	92.56
Minnesota	NA	65.99	68.03	NA	89.72	95.28
Mississippi	59.27	55.54	54.54	93.32	89.64	91.96
Missouri	53.77	52.83	70.57	88.59	91.13	94.78
Montana	50.60	40.92	65.94	93.69	84.88	98.70
Nebraska	49.07	54.20	57.90	84.53	89.57	96.53
Nevada	40.46	41.78	28.78	86.52	89.26	83.18
New Hampshire	46.60	60.30	47.94	87.27	94.30	93.60
New Jersey	56.09	64.70	64.48	92.11	94.34	95.18
New Mexico	69.26	62.98	44.49	93.11	88.02	90.38
New York	42.86	42.14		85.42	87.36	
N. Carolina	53.15	56.14	40.70	93.09	96.22	95.55
N. Dakota	49.25	50.32	52.22	90.64	89.99	90.29
Ohio	65.99	67.88	63.16	91.75	NA	94.81
Oklahoma	43.59	58.94	64.06	94.72	95.71	97.74
Oregon	36.96	34.67	41.36	82.43	79.74	89.84
Pennsylvania	NA	63.65	61.86	NA	88.14	84.96
Rhode Island	56.28	65.75	70.18	93.31	94.74	96.81
S. Carolina	50.71	46.65	55.43	90.73	91.33	93.15
S. Dakota	52.46	52.47	50.65	91.84	92.75	94.46
Tennessee	49.26	58.09	41.88	91.54	89.94	91.92
Texas	58.92	61.94	66.50	94.91	95.06	96.12
Utah	10.40	58.04	59.78	74.61	96.07	97.21
Vermont	52.65	51.37	61.30	90.45	89.96	90.88
Virginia	62.38	53.81	42.72	92.48	89.07	84.97
Washington	26.23	41.25	36.93	91.59	87.26	89.75
W. Virginia	36.32	53.80	59.56	78.54	83.32	90.53
Wisconsin	50.98	57.92	61.94	89.85	92.21	94.87
Wyoming	NA	39.68	52.00	NA	88.16	96.45
Puerto Rico	NA	9.85	9.77	NA	57.24	43.59

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because additional data were available after publication and have been included here.

[2] Represents secondary only.

[3] This figure is available but is included in the 13,777 completions shown. The number who left prior to normal completion with marketable skills was 2,137.

[4] The data for this column is included in the data in the completion column.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1970, 1971, 1972 and FY 1973.

Table 88 - Secondary Vocational Education Completions and Placements, 1970-71, 1971-72 and 1972-73

States	Completions			Left Prior to Normal Completion Time With Marketable Skills			Status Unknown		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	997,539[1]	1,027,349[1]	1,063,251	38,194[1]	40,145[1]	NA	176,555[1]	151,259[1]	165,031
Alabama	12,734	14,548	15,760	668	908	NA	913	912	1,308
Alaska	2,354	3,101	2,920	108	358	NA	178	1,084	352
Arizona	7,010	12,590	10,989	198	241	NA	959	206	NA
Arkansas	6,898	7,703	8,017	481	478	NA	399	493	355
California	135,446	139,322	111,146	4,384	3,827	NA	38,179	38,843	33,283
Colorado	13,017	16,618	20,808	1,291	1,736	NA	2,190	2,665	2,289
Connecticut	13,252	15,090	16,842	89	751	NA	929	852	984
Delaware	3,801	4,267	4,877	136	33	NA	731	225	182
Dist. of C.	571	612	1,229	20	27	NA	89	75	128
Florida	40,536	25,646	76,308	6,387	2,040	NA	16,172	7,681	19,759
Georgia	24,498	26,154	24,319	716	1,556	NA	3,036	3,614	2,951
Hawaii	NA	NA	4,678	NA	NA	NA	NA	NA	1,871
Idaho	2,831	2,973	3,511	80	52	NA	396	213	255
Illinois	61,372	67,756	96,401	1,867	1,883	NA	9,889	9,106	13,760
Indiana	17,215	20,351	19,371	597	2,646	NA	2,545	2,774	1,323
Iowa	7,115	7,394	8,941	144	117	NA	331	304	375
Kansas	5,125	5,054	8,258	58	199	NA	321	284	689
Kentucky	14,826	NA	28,908	510	NA	NA	1,863	NA	2,444
Louisiana	24,095	24,131	24,076	446	330	NA	2,747	3,368	2,637
Maine	4,492	5,238	7,012	6	101	NA	502	290	1,945
Maryland	11,734	NA	20,576	1,384	NA	NA	6,659	NA	786
Massachusetts	17,373	25,199	26,378	NA	481	NA	NA	1,784	1,680
Michigan	58,950	49,856	44,105	874	1,073	NA	12,075	10,116	24,313
Minnesota	20,943	21,973	29,086	887	918	NA	1,686	1,768	3,955
Mississippi	5,112	6,281	8,065	147	70	NA	320	613	1,308
Missouri	18,675	21,576	10,419	630	3,622	NA	1,444	2,768	637
Montana	3,487	3,408	4,087	166	31	NA	197	943	190
Nebraska	6,629	6,940	9,178	121	197	NA	495	487	522
Nevada	2,400	4,030	8,271	40	72	NA	511	957	4,968
New Hampshire	1,331	1,776	2,535	50	91	NA	76	134	580
New Jersey	26,481	26,555	29,140	986	1,658	NA	1,925	2,458	2,259
New Mexico	6,937	5,069	8,751	439	452	NA	526	541	1,029
New York	116,856	121,593		1,079	576	NA	22,033	26,762	
N. Carolina	25,907	33,076	40,253	1,014	1,272	NA	1,292	2,039	7,257
N. Dakota	2,808	3,002	3,186	45	81	NA	149	134	111
Ohio	31,983	36,647	39,825	270	NA	NA	1,654	1,936	2,483
Oklahoma	13,315	13,501	12,698	299	349	NA	707	662	696
Oregon	9,405	12,282	11,323	0	853	NA	1,827	2,562	NA
Pennsylvania	49,747	55,011	55,587	NA	NA	NA	1,068	567	1,235
Rhode Island	1,070	1,190	2,120	24	46	NA	123	123	129
S. Carolina	11,412	13,523	13,662	585	676	NA	1,006	1,288	1,030
S. Dakota	2,686	3,011	3,787	110	109	NA	277	273	221
Tennessee	12,490	15,635	22,947	6,662	5,601	NA	7,253	2,590	6,616
Texas	39,975	48,229	55,410	1,902	1,331	NA	2,511	2,270	2,502
Utah	20,492	10,653	9,721	83	125	NA	11,649	744	1,111
Vermont	2,054	2,690	3,075	9	53	NA	98	307	173
Virginia	31,971	24,593	25,644	1,238	1,927	NA	1,883	1,851	1,044
Washington	21,107	21,775	27,922	808	810	NA	11,985	3,804	4,276
W. Virginia	8,471	7,315	8,206	156	326	NA	861	557	255
Wisconsin	15,517	20,079	18,607	NA	--	NA	1,723	1,483	946
Wyoming	2,488	2,258	3,101	NA	62	NA	173	216	325
Puerto Rico	NA	10,075	11,215	NA	--	NA	NA	5,533	5,504

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because additional data were available after publication and have been included here.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare. Washington, D.C., FY 1971, 1972 and FY 1973.

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Number Known to Be Not Available for Placement			Number Known to be Continuing Education at a Higher Level			Number Known to Be Available for Placement		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
303,277	348,288	335,529	254,995	258,040	251,370	505,965	533,973	562,828
5,426	5,795	5,224	3,159	3,937	3,602	7,093	8,749	9,228
138	873	285	246	620	163	1,853	1,502	2,283
2,925	5,440	3,020	1,916	3,144	1,810	3,324	7,185	7,969
2,957	3,194	3,290	1,814	2,154	2,057	4,023	4,494	4,372
11,089	46,566	35,734	33,721	34,711	28,441	52,599	57,740	42,266
6,673	8,418	6,317	5,585	7,090	3,477	5,545	7,271	12,202
4,917	5,401	5,528	3,920	4,480	4,734	7,405	9,588	10,330
1,358	219	469	884	593	290	1,848	388	4,226
108	105	242	86	65	208	353	432	859
8,702	6,830	9,824	6,112	4,750	6,537	15,662	13,175	46,725
7,736	9,885	7,784	6,480	7,822	5,811	14,442	14,211	13,584
NA	NA	2,133	NA	1,585	2,077	NA	NA	674
1,308	1,462	1,716	760	1,118	1,349	1,207	1,350	1,540
24,265	26,386	37,212	20,389	20,980	30,497	29,085	34,147	45,429
4,226	3,751	4,011	2,420	2,482	2,291	11,041	16,472	14,037
3,455	3,186	3,093	2,768	2,559	2,349	4,513	4,021	5,473
2,153	1,950	3,665	1,575	1,525	3,202	2,709	3,019	3,904
5,534	NA	14,481	4,306	NA	13,059	7,939	NA	11,983
11,596	11,031	10,723	8,890	8,407	7,774	9,752	9,732	10,716
1,717	1,463	1,809	1,064	1,025	1,186	2,279	3,586	3,258
4	NA	9,302	NA	NA	3,840	6,455	NA	10,488
NA	7,586	7,893	3,418	5,792	6,119	12,029	16,310	16,805
26,225	14,545	8,822	22,705	9,897	5,040	21,524	26,268	10,970
5,533	5,813	6,597	4,430	4,656	6,349	14,616	15,310	18,534
2,279	2,558	2,670	1,836	1,898	2,014	2,660	3,180	4,087
6,974	9,021	1,668	4,703	6,240	1,459	10,887	13,409	8,114
2,228	1,266	2,051	1,658	1,082	1,655	1,228	1,230	1,846
2,820	3,058	3,543	2,399	2,396	2,876	3,435	3,592	5,113
933	1,495	1,025	651	1,043	807	996	1,650	2,278
657	614	572	338	334	354	648	1,119	1,383
5,992	5,881	6,260	4,177	4,282	4,620	19,550	19,874	20,621
1,874	1,761	3,636	1,170	1,186	2,560	4,976	3,199	4,086
35,308	35,521		25,932	27,000		60,594	59,886	
10,259	12,177	14,741	7,732	8,854	11,514	15,370	20,132	18,255
1,558	1,656	1,730	1,307	1,398	1,402	1,146	1,293	1,345
8,149	4,562	8,112	3,960	4,102	3,767	22,450	NA	29,230
7,225	6,294	5,284	5,756	4,738	4,150	5,682	6,894	6,718
3,921	5,525	7,210	3,230	3,889	6,129	3,657	5,048	4,113
16,201	15,482	14,317	11,685	10,244	10,251	32,478	38,962	40,035
360	331	393	234	219	310	611	782	1,598
4,015	4,752	4,534	2,869	3,243	3,164	6,976	8,159	8,098
1,312	1,317	1,758	935	945	1,307	1,207	1,530	1,808
3,578	7,047	4,884	2,394	3,167	3,570	8,321	11,599	11,447
16,212	19,435	19,358	12,592	13,736	13,982	23,154	27,855	33,550
6,871	5,668	4,891	3,637	4,965	4,226	2,055	4,366	3,719
773	1,048	840	492	502	500	1,192	1,388	2,062
9,480	9,829	11,564	7,107	7,189	7,786	21,846	14,840	13,036
6,670	11,036	14,573	5,222	9,123	12,214	3,260	7,745	9,073
2,812	2,300	2,378	1,361	1,455	1,537	4,954	4,784	5,573
5,268	5,835	5,152	3,753	4,649	4,055	8,526	12,761	12,509
1,503	1,433	915	1,217	1,169	850	810	671	1,861
NA	1,467	2,296	NA	1,185	2,049	NA	3,075	3,415

Table 88 - continued

States	Number Known to Be Employed Full Time in Field Trained or Related Field			Number Known to Be Unemployed			Number of Students Employed in Field Other Than That for Which Trained or a Related Field		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	326,148	355,039	348,780	62,474[1]	60,791[1]	56,400	112,851[1]	146,611[1]	157,648
Alabama	5,347	6,786	7,170	861	1,042	895	885	921	1,163
Alaska	1,557	1,398	1,971	296	104	164	0	0	148
Arizona	2,016	4,985	4,083	552	994	1,103	756	1,206	2,783
Arkansas	2,691	3,365	2,979	359	410	502	973	719	891
California	28,694	32,105	22,319	8,236	7,022	4,970	15,669	18,613	14,977
Colorado	2,250	2,962	5,162	1,095	1,332	2,235	2,200	2,977	4,805
Connecticut	5,350	6,916	7,585	564	745	563	1,491	1,927	2,182
Delaware	1,415	2,477	3,179	278	332	524	155	--	523
Dist. of C.	325	392	755	19	5	62	9	35	42
Florida	13,422	11,002	26,153	996	1,300	8,865	1,244	873	11,707
Georgia	13,418	12,385	9,570	1,024	1,826	1,038	0	0	2,976
Hawaii	NA	NA	478	NA	NA	112	NA	NA	84
Idaho	946	1,083	1,246	204	153	164	57	114	130
Illinois	18,055	22,109	26,048	3,285	3,206	3,009	7,745	8,832	16,372
Indiana	8,382	12,690	11,511	1,651	1,588	997	1,008	2,194	1,529
Iowa	2,019	2,285	4,045	285	221	279	2,209	1,515	1,149
Kansas	1,914	2,660	3,022	315	359	194	480	0	688
Kentucky	5,229	NA	7,851	1,596	NA	1,308	1,114	NA	2,824
Louisiana	8,508	8,603	7,501	1,244	1,129	983	0	0	2,232
Maine	1,042	1,539	1,733	277	956	299	960	1,091	1,226
Maryland	6,179	NA	7,191	2,559	NA	443	--	NA	2,854
Massachusetts	5,254	11,342	10,447	NA	1,362	2,050	NA	3,606	4,308
Michigan	11,785	14,804	6,806	3,528	2,898	1,159	6,211	8,566	3,005
Minnesota	9,891	10,399	14,901	1,655	1,716	788	3,070	3,195	2,845
Mississippi	1,697	1,985	2,392	203	225	330	760	970	1,365
Missouri	6,443	8,721	3,973	1,385	1,369	454	3,059	3,319	3,687
Montana	1,154	990	1,330	74	240	39	0	0	477
Nebraska	2,644	2,803	3,412	791	454	276	0	335	1,425
Nevada	260	610	756	198	279	688	538	761	834
New Hampshire	474	780	972	84	53	88	90	286	323
New Jersey	15,308	14,307	15,304	1,389	955	955	2,853	4,612	4,362
New Mexico	4,638	2,564	2,664	338	635	456	0	0	966
New York	32,198	31,151		9,352	7,974		19,044	20,761	
N. Carolina	14,308	12,265	11,270	1,062	893	923	0	6,974	6,062
N. Dakota	947	1,094	809	199	199	178	0	0	358
Ohio	15,576	18,398	20,660	1,988	1,574	1,555	4,886	6,075	7,015
Oklahoma	3,991	5,205	5,098	366	389	251	1,325	1,300	1,369
Oregon	1,102	1,385	2,109	701	1,507	621	1,854	2,156	1,383
Pennsylvania	10,322	13,553	17,118	5,225	5,348	6,238	16,931	20,061	16,679
Rhode Island	424	512	1,304	56	38	50	131	232	244
S. Carolina	4,687	5,416	4,916	604	707	643	1,685	2,026	2,539
S. Dakota	987	1,152	1,208	147	149	123	73	229	477
Tennessee	5,603	8,975	7,182	1,062	830	706	1,656	1,794	3,559
Texas	18,472	19,739	24,340	1,447	1,687	1,725	3,235	6,429	7,485
Utah	154	2,275	2,037	752	312	251	1,149	1,779	1,431
Vermont	628	905	1,068	141	136	212	423	347	782
Virginia	17,672	10,244	5,917	1,528	1,717	2,469	2,646	2,879	4,650
Washington	2,327	4,036	4,467	380	1,251	1,300	553	2,458	3,306
W. Virginia	2,096	3,197	3,478	1,131	857	540	1,727	730	1,555
Wisconsin	5,690	8,971	9,068	839	893	640	1,997	2,397	2,861
Wyoming	657	596	1,503	153	75	63	0	0	295
Puerto Rico	NA	923	779	NA	1,345	1,920	NA	807	716

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Number of Students Employed as a Percent of Total Completions and Early Leavers With Marketable Skills			Number of Students Employed as a Percent of the Number Available for Work		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
42.39[1]	46.99[1]	NA	86.76[1]	93.95[1]	89.98
46.40	49.86	NA	87.86	88.09	90.30
62.99	40.42	NA	84.03	93.08	92.82
38.46	48.25	NA	83.39	86.17	86.16
49.65	49.92	NA	91.08	90.88	88.52
31.73	35.43	NA	84.34	87.84	88.24
31.10	32.36	NA	80.25	81.68	81.68
51.28	55.82	NA	92.38	92.23	94.55
39.88	57.60	NA	84.96	--	87.60
56.51	66.82	NA	94.62	98.84	92.78
31.26	42.89	NA	93.64	90.13	81.03
53.22	44.70	NA	92.91	87.15	92.36
NA	NA	NA	NA	NA	83.38
34.46	39.57	NA	83.10	88.67	89.35
40.80	44.43	NA	88.71	90.61	93.38
52.72	64.72	NA	85.05	90.36	92.90
58.24	50.59	NA	93.68	94.50	94.90
46.19	50.64	NA	88.37	88.11	95.03
41.36	NA	NA	79.90	NA	89.08
34.67	35.17	NA	87.24	88.40	90.83
44.51	49.26	NA	87.85	73.34	90.82
47.10	NA	NA	95.72	NA	95.78
NA	58.21	NA	72.20	91.65	87.80
30.08	45.89	NA	83.61	88.97	89.43
59.36	59.39	NA	88.68	88.79	95.75
46.72	46.53	NA	92.37	92.92	91.93
49.22	47.78	NA	87.28	89.79	94.40
31.59	28.79	NA	93.97	80.49	97.89
59.17	43.97	NA	76.97	87.36	94.60
32.70	33.42	NA	80.12	83.09	69.80
40.84	57.10	NA	87.04	95.26	93.64
66.12	67.06	NA	92.90	95.19	95.37
62.88	46.44	NA	93.21	80.15	88.84
43.45	42.49	NA	84.57	86.68	
53.15	56.01	NA	93.09	95.56	94.94
33.19	35.48	NA	82.64	84.61	86.77
63.44	66.78	NA	91.14	NA	94.68
39.05	46.97	NA	93.56	94.36	96.26
31.43	26.96	NA	80.83	70.15	84.90
54.78	61.10	NA	83.91	86.27	84.42
50.73	60.19	NA	90.83	95.14	96.87
53.11	52.48	NA	91.34	91.33	92.06
37.91	44.26	NA	87.82	90.26	93.20
37.90	50.71	NA	87.24	92.84	93.83
51.84	52.80	NA	93.75	93.94	94.86
6.33	37.61	NA	63.41	92.85	93.25
50.95	45.64	NA	88.17	90.20	89.72
61.18	49.48	NA	93.01	88.43	81.06
13.14	28.75	NA	88.34	83.85	85.67
44.31	51.39	NA	77.17	82.09	90.31
49.54	59.11	NA	90.16	93.00	94.88
26.41	25.69	NA	81.11	88.82	96.61
NA	17.17	NA	NA	56.26	43.78

Table 89 - Post-Secondary Vocational Education Completions, and Placements, 1970-71, 1971-72 and 1972-73

States	Completions			Left Prior to Normal Completion Time With Marketable Skills			Status Unknown		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	304,144[1]	341,682[1]	401,887	59,397[1]	80,503[1]	NA	78,372[1]	86,069[1]	74,088
Alabama	4,400	4,599	8,631	1,861	2,424	NA	672	607	625
Alaska	444	1,818	448	27	331	NA	42	259	70
Arizona	3,281	15,773	7,877	121	361	NA	812	659	NA
Arkansas	2,550	2,968	3,254	525	10	NA	397	202	183
California	109,043	83,958	88,274	22,298	31,465	NA	29,846	28,379	18,318
Colorado	1,262	6,281	11,340	820	3,157	NA	233	650	560
Connecticut	1,987	2,063	2,443	71	156	NA	186	205	252
Delaware	715	345	161	NA	0	NA	80	11	8
Dist. of C.	232	286	314	24	18	NA	20	18	3
Florida	23,339	13,835	38,701	5,915	3,060	NA	8,581	3,815	10,925
Georgia	4,505	6,062	7,910	1,636	2,528	NA	1,486	2,079	1,813
Hawaii	NA	1,203	1,359	NA	NA	NA	NA	412	452
Idaho	1,226	1,235	1,580	76	133	NA	119	94	87
Illinois	5,873	9,315	13,579	3,388	4,934	NA	1,200	1,573	2,131
Indiana	3,146	3,323	2,960	87	132	NA	177	360	294
Iowa	4,830	5,700	6,323	217	264	NA	806	1,029	956
Kansas	2,481	3,364	2,765	87	213	NA	120	242	229
Kentucky	2,261	3,450	3,213	643	611	NA	452	275	217
Louisiana	3,284	3,470	3,681	4,762	4,722	NA	221	149	335
Maine	744	808	1,029	4	40	NA	100	51	142
Maryland	1,098	1,760	2,165	89	76	NA	555	826	385
Massachusetts	2,597	3,812	5,738		430	NA	NA	580	722
Michigan	14,484	9,139	18,456	3,956	1,536	NA	9,199	3,311	7,991
Minnesota	15,565	16,209	18,749	944	982	NA	1,334	1,390	655
Mississippi	2,207	2,381	3,253	333	346	NA	385	281	461
Missouri	3,018	4,369	1,624	468	1,188	NA	242	747	79
Montana	1,196	3,213	3,394	172	69	NA	135	738	109
Nebraska	2,800	1,801	3,363	219	678	NA	376	174	292
Nevada	111	1,080	3,202	63	560	NA	30	304	580
New Hampshire	537	677	777	9	88	NA	47	113	31
New Jersey	9,809	8,221	10,139	394	410	NA	978	732	830
New Mexico	5,087	5,524	3,649	354	471	NA	353	363	345
New York	17,001	20,138		99	1,234	NA	8,359	10,287	
N. Carolina	NA	7,663	14,770		5,710	NA	NA	1,916	2,223
N. Dakota	1,751	1,800	2,261	387	423	NA	304	216	87
Ohio	3,806	2,627	3,083	28	NA	NA	152	148	314
Oklahoma	1,417	1,752	2,297	195	73	NA	164	134	314
Oregon	3,590	3,441	6,976	856	2,969	NA	674	1,571	979
Pennsylvania	6,712	5,708	5,983		NA	NA	NA	105	234
Rhode Island	360	432	684	19	27	NA	60	66	46
S. Carolina	2,669	1,775	2,152	76	NA	NA	1,297	1,369	218
S. Dakota	1,038	1,040	1,302	96	166	NA	155	148	79
Tennessee	4,985	5,741	8,641	878	1,361	NA	1,260	464	2,154
Texas	8,045	23,426	27,439	5,252	2,731	NA	2,344	3,141	2,302
Utah	1,354	2,387	4,084	24	384	NA	169	230	780
Vermont	134	176	173	10	24	NA	0	17	15
Virginia	2,391	3,766	4,098	134	934	NA	306	913	720
Washington	5,376	9,428	15,295	1,620	2,823	NA	1,266	2,155	2,717
W. Virginia	805	809	313	66	61	NA	54	68	8
Wisconsin	7,997	8,943	9,142	94	147	NA	2,561	2,844	3,147
Wyoming	601	669	1,456	NA	43	NA	63	84	106
Puerto Rico	NA	11,919	[illegible]	NA	--	NA	NA	10,159	7,565

[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because additional data were available after publication and have been included here.

[2] Figure includes non-completing students who were employed.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Number Known to Be not Available for Placement			Number Known to Be Continuing Education at a Higher Level			Number Known to Be Available for Placement		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
37,662[1]	72,122[1]	51,098	35,018[1]	47,167[1]	23,957	195,039[1]	256,174[1]	274,745
874	771	1,088	273	355	390	4,715	5,645	6,918
20	344	51	13	319	29	368	1,546	327
520	6,498	1,637	354	4,364	1,208	2,070	9,571	6,240
223	403	563	48	239	477	2,455	2,373	2,508
8,363	24,505	8,728	15,086	16,398	NA	55,748	62,539	59,272
388	2,719	3,113	722	2,101	1,210	218	6,069	7,667
518	410	442	443	364	405	1,292	1,604	1,749
69	8	27	53	9	19	566	34	126
64	76	44	53	51	43	172	192	267
4,479	2,910	5,086	2,291	2,226	2,901	10,279	10,170	22,690
994	1,308	613	389	730	376	3,661	5,203	5,484
NA	100	116	NA	53	54	NA	775	791
229	210	137	103	135	81	878	1,064	1,356
1,340	1,871	1,278	854	1,235	958	6,721	10,805	10,170
268	274	335	0	13	257	2,788	2,821	2,331
920	905	780	259	320	260	4,214	4,030	5,087
626	459	603	432	301	461	1,822	2,876	1,933
420	1,260	554	157	1,041	448	2,032	2,526	2,442
276	245	305	103	164	234	2,787	3,076	3,041
96	63	78	27	52	49	552	734	809
42	280	394	NA	262	319	590	730	1,386
NA	655	993	395	424	722	1,949	3,007	4,023
2,001	1,817	2,884	1,446	1,299	1,151	7,240	5,547	7,581
2,054	2,149	1,247	929	965	517	13,121	13,652	16,847
333	752	367	203	260	274	1,820	2,094	2,425
570	1,130	49	447	812	39	2,674	3,680	1,496
384	694	660	259	459	396	849	1,850	2,625
428	238	581	295	127	409	2,215	2,067	2,490
50	427	1,083	7	93	200	94	909	1,539
118	88	81	50	42	73	381	564	665
1,691	1,249	1,520	980	894	995	7,534	6,650	7,789
556	572	543	364	374	395	4,532	4,959	2,761
2,636	2,963		2,413	2,510		6,105	8,122	
NA	1,586	2,191	NA	939	684	NA	9,871	10,356
294	333	268	164	178	138	1,540	1,674	1,906
325	105	703	159	203	341	3,357	NA	2,066
288	585	268	205	512	227	1,160	1,106	1,715
362	1,389	1,049	174	398	425	2,554	3,450	4,948
NA	1,282	1,133	1,699	906	953	4,338	4,321	4,616
42	23	62	25	21	53	277	370	576
224	9	247	68	27	216	1,224	NA	1,687
157	127	135	50	59	83	822	931	1,088
620	1,546	984	295	479	629	3,983	5,092	5,503
1,598	3,467	2,857	1,283	1,952	1,155	9,355	19,549	22,280
204	507	780	123	382	562	1,005	2,034	2,524
1	11	9	0	2	2	143	172	149
353	619	734	249	439	645	1,866	3,168	2,644
711	1,372	2,208	592	1,031	1,430	5,019	8,724	10,370
129	90	41	47	78	22	686	712	264
658	683	387	339	309	232	4,872	5,563	5,608
144	201	609	93	117	515	394	427	741
NA	234	453	NA	144	295	NA	1,526	2,869

Table 89 - continued

States	Number Known to Be Employed Full Time in Field Trained or Related Field			Number Known to be Unemployed			Number of Students Employed in Field Other Than That for Which Trained or a Related Field		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	153,228[1]	205,590[1]	214,108	14,944[1]	16,962[1]	19,562	27,984[1]	36,267[1]	41,075
Alabama	3,737	4,838	6,250	193	243	335	785	564	333
Alaska	332	1,527	277	36	19	21	0	0	29
Arizona	1,503	6,371	4,036	77	101	241	490	3,099	1,963
Arkansas	2,034	2,054	2,265	116	170	49	305	149	194
California	40,799	47,593	43,824	4,549	4,155	4,095	10,400	10,791	11,353
Colorado	1,461[2]	4,305	3,702	111	303	1,283	1,354	1,461	2,682
Connecticut	1,042	1,429	1,527	119	61	67	131	114	155
Delaware	486	267	109	22	16	6	58	--	11
Dist. of C.	137	188	249	0	5	7	35	--	11
Florida	7,884	9,277	13,680	1,802	772	3,961	593	121	5,049
Georgia	3,466	5,031	4,872	195	172	173	0	0	439
Hawaii	NA	485	529	NA	50	47	NA	72	215
Idaho	722	984	1,294	94	35	29	62	45	33
Illinois	6,245	9,843	9,188	156	378	247	320	584	735
Indiana	2,570	2,231	2,073	113	226	124	105	364	134
Iowa	3,029	3,033	4,015	222	189	187	963	808	885
Kansas	1,517	2,679	1,746	151	197	62	154	0	125
Kentucky	1,739	1,650	2,100	178	700	105	115	176	237
Louisiana	2,720	2,868	2,875	67	208	39	0	0	127
Maine	367	643	710	59	22	27	126	69	72
Maryland	520	641	1,206	95	89	80	--	42	100
Massachusetts	1,554	2,323	2,979	NA	213	368	NA	471	676
Michigan	5,310	4,169	5,720	509	232	251	1,421	1,146	1,610
Minnesota	7,680	7,912	14,928	1,245	1,296	882	4,196	4,444	1,037
Mississippi	1,572	1,841	2,087	84	61	110	164	192	228
Missouri	2,553	3,083	1,078	75	123	49	46	474	369
Montana	798	1,617	2,124	51	233	34	0	0	467
Nebraska	2,119	1,916	2,289	96	98	22	0	53	179
Nevada	94	524	903	0	29	61	0	356	575
New Hampshire	321	303	606	47	43	43	13	218	16
New Jersey	5,608	5,200	6,250	544	248	347	1,382	1,202	1,192
New Mexico	4,299	4,427	2,376	233	431	223	0	101	162
New York	4,544	6,723		852	668		709	731	
N. Carolina	NA	9,054	9,270	NA	235	488	NA	582	598
N. Dakota	1,480	1,576	1,714	60	98	140	0	0	52
Ohio	3,002	1,986	1,419	120	57	45	235	128	602
Oklahoma	1,074	976	1,626	17	35	22	69	95	67
Oregon	2,164	2,691	4,269	390	215	300	0	544	379
Pennsylvania	2,905	2,274	2,692	NA	351	450	NA	1,696	1,474
Rhode Island	245	343	530	6	10	25	26	17	21
S. Carolina	1,090	350	1,484	134	NA	27	0	NA	176
S. Dakota	691	877	975	85	30	38	46	24	75
Tennessee	3,411	3,470	3,961	200	1,170	982	372	452	560
Texas	8,055	16,937	19,464	438	439	512	862	2,173	2,304
Utah	931	1,437	2,181	25	60	101	49	537	242
Vermont	141	170	149	0	2	0	2	0	0
Virginia	1,568	2,792	2,314	404	343	165	106	33	165
Washington	4,358	7,467	8,683	316	847	692	345	410	995
W. Virginia	540	613	229	80	60	13	68	39	22
Wisconsin	2,474	3,689	3,892	521	535	290	1,877	1,339	1,426
Wyoming	337	373	639	57	54	36	0	0	66
Puerto Rico	NA	560	750	NA	635	1,661	NA	351	458

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Number of Students Employed as a Percent of Total Completions and Early Leavers With Marketable Skills			Number of Students Employed as a Percent of the Number Available for Work		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
49.85[1]	57.29[1]	NA	92.91[1]	94.41[1]	92.88
72.22	76.92	NA	95.91	95.70	95.16
70.49	71.06	NA	90.22	98.77	93.58
58.58	58.70	NA	96.28	98.94	96.14
76.07	73.98	NA	95.27	92.84	98.05
38.98	50.58	NA	91.84	93.36	93.09
--	61.09	NA	--	95.01	83.27
57.00	69.54	NA	90.79	96.20	96.17
76.08	77.39	NA	96.11	--	95.24
67 19	61.84	NA	100.00	97.92	97.38
28.98	55.63	NA	82.47	92.41	82.54
56.44	58.57	NA	94.67	96.69	96.85
NA	46.30	NA	NA	71.87	94.06
60.22	75.22	NA	89.29	96.71	97.86
70.89	73.18	NA	97.68	96.50	97.57
82 74	75.11	NA	95.95	91.99	94.68
79.10	64.40	NA	94.73	95.31	96.32
65.07	74.90	NA	91.71	93.15	96.79
63.84	44.96	NA	91.24	72.29	95.70
33.81	35.01	NA	97.60	93.24	98.72
65.91	83.96	NA	89.31	97.00	96.66
43.81	37.20	NA	88.14	93.56	94.23
NA	65.87	NA	NA	92.92	90.85
36.50	49.78	NA	92.97	95.81	96.69
71.94	71.87	NA	90.51	90.51	94.76
68.35	74.55	NA	95.38	97.09	95.46
74.56	64.01	NA	97.20	96.66	96.72
58.33	49.27	NA	93.99	87.41	98.70
70.19	79.43	NA	95.67	95.26	99.12
54.02	53.66	NA	100.00	96.81	96.04
61.17	68.10	NA	87.66	92.38	93.53
68.51	74.17	NA	92.78	96.27	95.54
79.01	75.53	NA	94.86	91.31	91.92
30.72	34.88	NA	86.04	91.78	
NA	72.06	NA	NA	97.62	95.29
69.22	70.90	NA	96.10	94.15	92.65
84.43	80.47	NA	96.43	NA	97.82
70.91	58.68	NA	98.53	96.84	98.72
48.67	50.47	NA	84.73	93.77	93.94
NA	69.55	NA	NA	91.88	90.25
71.50	78.43	NA	97.83	97.30	95.66
39.71	NA	NA	89.05	NA	98.40
64.99	74.71	NA	89.66	96.78	96.51
64.52	55.22	NA	94.98	77.02	82.16
67.06	73.06	NA	95.32	97.75	97.70
71.12	71.24	NA	97.51	97.05	96.00
99.31	85.00	NA	100.00	98.84	100.00
66.30	60.11	NA	89.71	89.17	93.76
67.22	64.30	NA	93.70	90.29	93.33
69.80	74.94	NA	88.37	91.57	95.08
53.78	55.31	NA	89.31	90.38	94.83
56.07	52.39	NA	85.53	97.35	95.14
NA	7.48	NA	NA	58.39	42.11

Table 90 - Adult Vocational Education Completions and Placements, 1970-71, 1971-72 and 1972-73

States	Completions			Left Prior to Normal Completion Time with Marketable Skills			Status Unknown		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	137,251[1]	197,125[1]	344,616	10,696[1]	14,853[1]	NA	30,055[1]	49,745[1]	66,640
Alabama	2,393	2,459	1,070	99	85	NA	371	509	46
Alaska	3,322	2,230	682	4	248	NA	202	454	86
Arizona	1,852	3,764	2,029	3	206	NA	471	389	NA
Arkansas	1,682	500	641	161	16	NA	416	43	51
California	NA	NA	46,460	NA	NA	NA	NA	NA	15,147
Colorado	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Connecticut	147	224	639	0	33	NA	1	7	1
Delaware	113	273	563	3	0	NA	5	5	9
Dist. of C.	811	552	NA	0	33	NA	42	44	NA
Florida	20,185	30,880	87,289	5,490	6,165	NA	6,851	12,375	10,371
Georgia	NA	NA	47,524	NA	NA	NA	NA	NA	NA
Hawaii	NA	NA	NA	NA	NA	NA	NA	NA	NA
Idaho	97	112	72	0	43	NA	0	6	5
Illinois	2,204	10,924	6,368	248	268	NA	777	1,379	2,486
Indiana	198	460	927	15	33	NA	27	68	53
Iowa	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Kansas	1,245	NA	2,967	21	NA	NA	214	NA	291
Kentucky	219	228	3,108	0	1	NA	0	NA	44
Louisiana	2,837	3,294	3,855	230	1,040	NA	1,488	350	398
Maine	114	38	336	0	NA	NA	67	5	57
Maryland	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Massachusetts	773	1,619	3,028	NA	184	NA	NA	52	423
Michigan	7,333	4,180	8,477	17	105	NA	565	2,193	1,937
Minnesota	3,326	3,378	NONE	176	181	NONE	186	189	NONE
Mississippi	1,998	2,243	2,459	32	32	NA	181	112	526
Missouri	1,999	2,909	724	116	690	NA	269	420	71
Montana	4,471	540	2,391	463	54	NA	444	86	54
Nebraska	99	620	1,125	11	59	NA	5	83	70
Nevada	891	965	1,868	0	0	NA	296	332	650
New Hampshire	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
New Jersey	22,809	10,345	10,372	1,967	848	NA	7,417	3,366	3,008
New Mexico	1,026	1,446	750	0	86	NA	91	94	0
New York	11,383	10,421		130	915	NA	3,925	1,949	
N. Carolina	NA	24,223	33,808	NA	1,590	NA	NA	9,513	15,671
N. Dakota	99	NA	125	NA	NA	NA	NA	NA	15
Ohio	1,064	1,355	538	94	NA	NA	68	183	33
Oklahoma	10,845	15,710	10,995	0	NA	NA	2,095	2,250	1,182
Oregon[2]	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pennsylvania	9,941	10,905	9,729	NA	NA	NA	NA	493	518
Rhode Island	51	208	405	13	15	NA	12	28	11
S. Carolina	94	NONE	NONE	0	NONE	NONE	1	NONE	NONE
S. Dakota	1,620	84	37	31	27	NA	182	9	19
Tennessee	7,801	8,319	8,701	979	1,176	NA	2,379	1,072	2,063
Texas	6,806	21,474	20,922	300	411	NA	578	4,193	4,514
Utah	NA	6,043	9,959	NA	85	NA	NA	183	607
Vermont	536	654	207	9	14	NA	99	50	2
Virginia	4,340	6,362	6,564	84	178	NA	330	1,002	1,044
Washington	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
W. Virginia	NA	NA	NONE	NA	NA	NONE	NA	NA	NONE
Wisconsin	NA	NA	NA	NA	NA	NA	NA	NA	NA
Wyoming	527	633	641	NA	32	NA	NA	41	18
Puerto Rico	NA	6,551	6,041	NA	NA	NA	NA	6,218	5,159

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[1] Figures in these columns differ from figures shown in Volumes I and II of Learning A Living Across The Nation because additional data were available after publication and have been included here.

[2] Data combined with post-secondary data.

Source: U.S. Office of Education From 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and FY 1973.

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Number Known to Be Not Available for Placement			Number Known to Be Continuing Education at a Higher Level			Number Known to Be Available for Placement		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
20,928	27,293	34,533	8,667	15,358	13,733	82,919	132,929	195,910
191	250	107	15	114	45	1,930	1,785	917
50	335	84	7	325	56	3,063	1,689	512
119	593	212	47	285	49	1,265	2,988	1,817
242	43	61	91	21	22	1,185	430	729
NA	NA	8,006	NA	NA	3,972	NA	NA	23,298
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
0	31	18	0	12	8	105	219	620
12	0	23	8	2	12	99	13	531
155	41	NA	13	21	NA	614	467	NA
4,035	6,888	10,358	1,296	4,826	4,574	9,299	17,782	66,560
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA
3	28	9	0	11	8	94	121	58
493	1,712	575	30	1,475	128	1,182	8,101	3,327
27	32	256	0	6	43	159	393	618
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
376	NA	190	121	NA	141	676	NA	2,486
0	11	66	0	6	49	219	218	2,998
17	312	393	0	145	286	1,332	2,632	3,064
0	NA	156	NA	NA	147	47	33	123
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
NA	. 190	78	16	2	45	839	1,561	2,527
116	113	1,801	690	33	718	1,007	2,399	4,739
233	235	NONE	116	119	NONE	3,083	3,135	NONE
86	402	274	20	205	114	1,763	1,761	1,659
291	353	94	35	221	23	1,555	2,826	559
1,191	62	124	884	16	0	3,299	446	2,213
20	25	18	8	8	14	85	571	1,037
46	53	136	10	11	25	549	580	1,082
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
6,415	1,410	1,052	482	700	437	10,944	6,417	6,312
234	241	72	143	147	72	701	1,197	678
761	2,685		185	2,152		6,827	6,702	
NA	3,430	4,605	NA	703	538	NA	12,870	13,532
NA	NA	14	NA	NA	11	80		96
107	69	9	23	18	5	983	NA	496
3,593	2,133	643	3,251	1,454	216	5,157	11,327	9,170
NA	NA	NA	NA	NA	NA	NA	NA	NA
	1,976	1,950	624	655	712	7,328	8,436	7,261
13	16	30	3	3	10	39	179	364
1	NONE	NONE	1	NONE	NONE	92	NONE	NONE
310	53	6	25	7	5	1,159	49	12
519	679	395	122	205	149	5,882	7,744	6,243
377	1,500	442	72	810	130	6,151	16,192	15,966
NA	458	824	NA	406	246	NA	5,487	8,528
179	116	5	25	10	0	267	502	200
716	737	1,037	290	187	425	3,378	4,801	4,483
NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
NA	NA	NONE	NA	NA	NONE	NA	NA	NONE
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	58	238	14	23	213	482	566	385
NA	23	172	NA	14	85	NA	310	710

Table 90 - continued

States	Number Known to Be Employed Full Time in Field Trained or Related Field			Number Known to be Unemployed			Number of Students Employed in Field Other Than That for Which Trained or a Related Field		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	59,777	103,413	129,610	5,840[1]	10,011[1]	16,361	12,540[1]	20,860[1]	49,939
Alabama	1,174	1,435	759	496	331	63	260	19	95
Alaska	2,918	1,680	442	145	9	31	0	0	39
Arizona	820	2,644	1,432	210	338	87	235	6	298
Arkansas	827	369	665	187	23	30	171	38	34
California	NA	NA	14,866	NA	NA	2,221	NA	NA	6,211
Colorado	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Connecticut	72	165	492	5	11	26	28	43	102
Delaware	70	245	501	3	8	13	26	--	17
Dist. of C.	604	415	NA	10	5	NA	0	47	NA
Florida	7,721	15,213	33,766	1,135	2,129	9,060	443	440	23,734
Georgia	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hawaii	NA	NA	NA	NA	NA	NA	NA	NA	NA
Idaho	88	103	54	2	15	4	4	3	0
Illinois	983	7,535	2,639	46	46	91	153	520	597
Indiana	135	308	506	14	30	64	10	55	48
Iowa	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Kansas	485	NA	2,434	64	NA	15	127	NA	37
Kentucky	219	216	2,973	0	2	19	0	0	6
Louisiana	1,288	2,447	2,458	44	185	174	0	0	432
Maine	36	25	104	0	NA	4	11	8	15
Maryland	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Massachusetts	504	1,367	1,774	NA	87	38	NA	107	715
Michigan	406	1,451	3,005	46	366	322	558	582	1,412
Minnesota	1,881	1,912	NONE	281	288	NONE	921	935	NONE
Mississippi	1,334	854	973	130	443	217	299	464	469
Missouri	1,207	1,962	311	264	274	28	84	590	220
Montana	3,085	386	2,166	214	60	14	0	0	33
Nebraska	85	373	1,016	0	98	2	0	130	19
Nevada	199	174	346	23	29	75	327	377	661
New Hampshire	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
New Jersey	7,663	4,450	4,132	1,068	660	372	2,213	1,307	1,808
New Mexico	650	1,125	510	51	72	45	0	0	123
New York	4,282	4,602		513	800		2,032	1,300	
N. Carolina	NA	9,433	11,225	NA	491	466	NA	2,946	1,841
N. Dakota	70	NA	70	NA	NA	7	10	NA	19
Ohio	676	850	290	103	93	51	204	142	155
Oklahoma	4,897	9,372	7,364	251	406	124	9	1,549	1,682
Oregon	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pennsylvania	2,947	3,250	1,590	NA	433	1,121	NA	4,753	4,550
Rhode Island	39	127	329	0	22	6	0	50	29
S. Carolina	61	NONE	NONE	31	NONE	NONE	0	NONE	NONE
S. Dakota	776	25	11	28	3	0	355	21	1
Tennessee	4,730	6,695	5,286	277	457	185	875	592	772
Texas	3,894	12,945	13,414	81	1,013	550	2,176	2,234	2,002
Utah	NA	4,919	8,289	NA	95	60	NA	473	179
Vermont	135	372	70	12	69	8	120	61	122
Virginia	2,383	3,368	2,806	106	432	397	889	1,001	1,280
Washington	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
W. Virginia	NA	NA	NONE	NA	NA	NONE	NA	NA	NONE
Wisconsin	NA	NA	NA	NA	NA	NA	NA	NA	NA
Wyoming	433	498	360	NA	68	7	NA	0	10
Puerto Rico	NA	103	182	NA	120	364	NA	87	164

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Number of Students Employed as a Percent of Total Completions and Early Leavers With Marketable Skills			Number of Students Employed as a Percent of the Number Available for Work		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
48.88[1]	58.63[1]	NA	87.21[1]	93.49[1]	91.65
57.54	57.15	NA	74.30	81.46	93.13
87.73	67.80	NA	95.27	99.47	93.95
56.87	66.71	NA	83.40	88.69	95.21
54.15	78.88	NA	84.22	94.65	95.88
NA	NA	NA	NA	NA	90.47
NONE	NONE	NONE	NONE	NONE	NONE
68.03	80.93	NA	95.24	94.98	95.81
82.76	89.74	NA	96.97	--	97.55
74.48	78.97	NA	98.37	98.93	NA
31.80	42.25	NA	87.79	88.03	86.39
NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA
94.85	68.39	NA	97.87	87.60	93.10
46.33	71.97	NA	96.11	99.43	97.26
68.08	73.63	NA	91.19	92.37	89.64
NONE	NONE	NONE	NONE	NONE	NONE
48.34	NA	NA	90.53	NA	99.40
100.00	98.63	NA	100.00	99.08	99.37
42.00	56.46	NA	96.70	92.97	94.32
41.23	86.84	NA	100.00	100.00	96.75
NONE	NONE	NONE	NONE	NONE	NONE
NA	81.75	NA	NA	94.43	98.50
13.12	47.44	NA	95.73	84.74	93.21
80.01	79.99	NONE	90.89	90.81	NONE
80.44	57.93	NA	92.63	74.84	86.92
61.04	70.91	NA	83.02	90.30	94.99
62.53	64.98	NA	93.51	86.55	99.37
77.27	74.08	NA	100.00	88.09	99.81
59.03	57.10	NA	95.81	95.00	93.07
NONE	NONE	NONE	NONE	NONE	NONE
39.86	51.43	NA	90.24	89.71	94.11
63.35	73.43	NA	92.72	93.98	93.36
54.84	52.06	NA	92.49	88.06	
NA	47.96	NA	NA	96.18	96.56
80.81	NA	NA	100.00	NA	92.71
75.99	73.21	NA	89.52	NA	89.72
45.24	69.52	NA	95.13	96.42	98.65
NA	NA	NA	NA	NA	NA
NA	73.39	NA	NA	94.87	84.56
60.94	70.40	NA	100.00	87.71	98.35
64.89	NONE	NONE	66.30	NONE	NONE
68.50	41.44	NA	97.58	93.88	100.00
63.84	76.75	NA	95.29	94.10	97.04
85.42	69.36	NA	98.68	93.74	96.56
NA	87.99	NA	NA	98.27	99.30
46.79	64.82	NA	95.51	86.25	96.00
73.96	66.80	NA	96.86	91.00	91.14
NONE	NONE	NONE	NONE	NONE	NONE
NA	NA	NONE	NA	NA	NONE
NA	NA	NA	NA	NA	NA
NA	74.39	NA	NA	37.99	98.18
NA	2.90	NA	NA	61.29	48.73

Table 91 - Percent of Labor Demand Supplied by Vocational Educational Enrollment, Completions, Available for Work, and Placements, in Agriculture Group for 1970-71, 1971-72 and 1972-73[1]

States	Enrollment			Completions			Available for-Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	671,976	682,619	763,721	104,439	84,366	116,850	44,407	43,752	5,300	40,927	40,586	5,129
Alabama	27,509	23,972	24,843	1,654	1,890	1,670	803	946	876	698	859	821
Alaska	0	30	178	0	10	0	0	3		0	3	
Arizona	2,697	2,626	3,575	404	795	724	159	421		111	355	
Arkansas	10,251	8,610	11,406	1,961	1,892	1,529	999	1,047		931	978	
California	37,434	40,927	47,904	8,896[1]	8,547[1]	12,556[4]	3,057[1]	3,507[1]		2,763[1]	3,201[1]	
Colorado	3,526	3,821	3,998	561[1]	1,079[1]	1,164[4]	140[1]	368[1]		126[1]	334[1]	
Connecticut	1,509	999	1,671	274	257	273	130	143		116	137	
Delaware	1,071	549	1,454	432	98	162	91	3		84	NA	
Dist. of C.	123	0	36	0	12	1	0	4		0	4	
Florida	23,864	26,212	33,163	3,334	2,411	11,195	912	1,120		862	1,047	
Georgia	32,654	32,820	42,501	3,742[1]	3,485[1]	2,732[4]	1,784[1]	1,913[1]		1,586	1,665[1]	
Hawaii	2,700	1,246	2,423		0[4,6]	526		0[6]			0[6]	
Idaho	4,616	5,118	5,265	808	944	1,018	346	449		335	440	
Illinois	19,721	20,854	20,799	3,604	4,662	4,332	1,730	2,681		1,607	2,465	
Indiana	17,962	18,873	18,104	2,229	2,698	NA	1,394	1,934		1,280	1,739	
Iowa	28,548	28,503	33,202	3,462[1]	3,456[1]	3,218	1,170[1]	1,395[1]		1,091[1]	1,345[1]	
Kansas	8,338	7,787	6,636	1,297[2]	1,140[1]	1,443	576[2]	549[1]		541[2]	532[1]	
Kentucky	18,554	17,103	20,557	2,666	12[5]	8,125	1,509	8[5]		1,281	6[5]	
Louisiana	16,781	14,244	15,355	2,227	2,237	2,054[4]	1,319	1,001		1,255	970	
Maine	616	362	698	145	244	172	82	155		80	128	
Maryland		2,659	4,313	432[1]	0[6]	759	210[1]	0[6]		172[1]	0[6]	
Massachusetts		1,040	2,393		401	324		246			226	
Michigan	11,696	7,900	12,067	11,663	2,215	2,871	1,468	1,142		1,371	1,063	
Minnesota	25,377	24,739	34,607	3,174	3,146	3,705	1,439	1,405		1,306	1,289	
Mississippi	19,583	18,232	17,072	1,683	1,450	1,742	844	684	818	802	661	793
Missouri		12,931	10,172	1,985	2,210	658	1,094	1,289		1,046	1,250	
Montana	2,757	2,515	2,636	1,230	561	966	797	288		724	262	
Nebraska	6,921	6,529	8,142	1,401	1,211	2,065	788	737		683	639	
Nevada	683	1,134	1,442	77	325	421	14	124		14	105	
New Hampshire	958	663	627	121[1]	188[1]	337	52[1]	93[1]		48[1]	92[1]	
New Jersey	3,725	870	2,658	443	386	266	317	233		305	225	
New Mexico	4,173	3,733	4,905	650	1,075	511	284	719		245	612	
New York	11,329	10,761	12,194	2,702	2,805	NA	1,556	1,398	—	1,432	1,201	
N. Carolina	17,877	15,422	17,996	3,743[3]	NA	3,700	2,082[3]	NA		1,928[3]	NA	
N. Dakota	3,912	4,100	5,134	523[1]	527[1]	645	208[1]	273[1]		194[1]	268[1]	
Ohio	28,933	29,222	37,856	3,079		5,214	2,200		3,477	2,116		3,398
Oklahoma	17,691	16,993	20,061	3,330	NA	2,368	1,066	NA		1,017	NA	
Oregon	3,483	3,461	3,602	1,107	1,104[3]	1,350	460	468[3]		381	290[3]	
Pennsylvania	13,522	11,731	14,453	2,269[3,4]	2,532[4]	2,830[4]	1,472[3,4]	1,734		1,315[3,4]	1,588	
Rhode Island	890	280	1,093	54	57	363	23	38		22	37	
S. Carolina	21,022	17,886	8,727	2,181	2,086	1,767	1,267	1,250[1]		1,214	1,213[1]	
S. Dakota	4,637	4,565	4,386	602	646	670	302	331		293	314	
Tennessee	18,471	17,149	18,101	5,120	5,140	5,209	2,037	2,475		1,845	2,326	
Texas	141,798	140,666	137,291	9,509	10,342	9,862	3,949	5,496		3,763	5,345	
Utah	3,632	2,819	3,060	922[1]	47[7]	540	84[1]	47[7]		58[1]	47[7]	
Vermont	1,103	705	1,341	151[2]	273	187[1]	88[2]	159	129[1]	79[2]	153	117[1]
Virginia	26,249	24,298	23,029	2,191	2,647	1,799	1,247	1,514		1,138	1,431	
Washington	11,229	11,355	22,575	2,284[1]	1,412[1]	7,394	529[1]	628[1]		482[1]	581[1]	
W. Virginia	4,459	4,538	4,321	584[1]	521[1]	NA	430[1]	323[1]		390[1]	293[1]	
Wisconsin		20,452	25,050	3,522[1]	4,026[1]	3,912[3,4]	1,899[1]	2,803[1]		1,797[1]	2,700[1]	
Wyoming	1,782	1,788	1,894		377	558		155			137	
Puerto Rico	6,010	6,827	6,755		787[4]	963		53			30	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
76,457	35,571	221,145	878.89	1919.03	345.35	136.60	237.18	92.84	58.08	123.00	2.40	53.53	114.10	2.32
1,825 2,485	1,035 NA	130 875 1,115	147.78 412.51	831.88	136.92 408.57 1022.96	22.14 78.91	182.80 NA	82.74 137.13	8.71 40.20	101.16 NA		6.08 37.46	94.49 NA	
	21,800*	22,100*		120.24	150.06		11.06	50.66		5.14			4.80	
15,700*	NA	7,156*	17.20		593.92	--	NA	38.18	--	NA		—	NA	
		84,493			24.62			5.13						
3,400		8,670* 3,694 7,269 1,670	245.23		382.95 179.64 282.80 919.46	38.15		37.12 39.06 111.76 122.99	16.94			15.91		
488 6,050		580 1,309* NA 4,579	193.32		743.62 182.81 -- 755.78	88.52 192.73		130.86 24.75 -- 80.91	43.03 24.26			35.25 22.66		
39,450	10,700	13,415 795	--	120.85	60.69 181.38	5.03	20.65	15.39 52.95	2.77	12.05		2.65	11.68	
		-310 -618			-- --			-- --						
1,274	1,946	50,065 1,797 3,197	388.62	873.23	75.61 1116.36 112.67	261.38	NA	10.41 131.77 42.23	83.67	NA		79.83	NA	
5,785		2,641 3,983 2,540*	319.29		166.07 454.46 63.77	88.50		25.37 130.78 388.27	35.21		6.94	31.89		6.79
	90			783.33			303.33			97.78			170.00	

Table 92 - Percent of Labor Demand Supplied by Vocational Educational Enrollment, Completions, Available for Work, and Placements in Marketing Group For 1970-71, 1971-72 and 1972-73

States	Enrollments			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	477,763	561,763	641,963	128,679	149,029	196,620	67,396	82,717	5,663	60,138	75,062	5,316
Alabama	4,569	6,581	5,843	1,632	2,034	1,883	1,008	1,337	876	931	1,223	821
Alaska	595	686	268	282	339	100	239	222		193	222	
Arizona	8,333	11,839	14,070	1,186	4,174	2,452	656	3,022		536	2,891	
Arkansas	4,403	4,042	3,663	1,109	958	1,131	592	549		548	491	
California	58,926	61,762	70,969	15,778[1]	18,326[1]	18,732[4]	5,784[1]	9,523[1]		5,078[1]	8,944[1]	
Colorado	6,755	9,830	7,737	8[1]	2,124[1]	1,433[4]	6	1,386[1]		5[1]	1,306[1]	
Connecticut	3,437	4,077	3,927	1,174	1,488	1,549	696	988		661	941	
Delaware	1,717	2,076	2,306	493	331	818	322	4		267	NA	
Dist. of C.	359	420	419	186	6	271	18	26		16	25	
Florida	32,613	48,729	61,281	13,013	12,7	33,053	5,483	5,857		4,711	5,439	
Georgia	8,719	9,187	12,505	1,749[1]	1,988[1]	7,374[4]	1,032[1]	1,100[1]		968[1]	1,029[1]	
Hawaii	1,020	989	1,502		46[4,6]	545		29[6]			21[6]	
Idaho	858	1,086	1,408	378	480	499	249	258		222	226	
Illinois	22,543	21,779	26,803	3,654	5,116	8,032	2,005	2,782		1,991	2,622	
Indiana	3,367	4,096	5,533	1,399	1,498	NA	932	1,144		826	1,015	
Iowa	4,535	4,202	4,650	1,371[1]	1,172[1]	240	871[1]	786[1]		811[1]	744[1]	
Kansas	5,952	6,444	6,003	631[2]	870[1]	1,320	364[2]	569[1]		317[2]	484[1]	
Kentucky	8,893	10,772	9,124	1,520	18[5]	4,600	862	18[5]		754	18[5]	
Louisiana	7,847	8,546	9,776	2,812	3,168	3,102[4]	721	1,950		703	1,787	
Maine	696	609	1,138	208	359	499	123	253		108	208	
Maryland		4,701	4,636	799[1]	39[6]	1,476	539[1]	12[6]		486[1]	12[6]	
Massachusetts		5,765	6,092		2,128	1,750		1,572			1,439	
Michigan	30,218	34,618	37,410	9,968	11,803	14,005	4,221	5,879		3,672	5,397	
Minnesota	13,420	14,389	15,947	6,581	6,853	6,720	3,458	3,496		2,968	2,998	
Mississippi	3,943	4,852	5,833	795	1,265	1,424	374	610	716	348	549	636
Missouri		7,030	6,787	1,526	3,367	1,761	919	1,698		866	1,602	
Montana	1,397	872	1,214	1,038	269	510	525	150		476	125	
Nebraska	3,974	4,367	5,004	843	1,274	2,206	456	795		388	695	
Nevada	546	789	500	225	221	142	139	121		108	90	
New Hampshire	220	418	572	96[1]	144[1]	360	60[1]	89[1]		60[1]	85[1]	
New Jersey	11,735	9,947	10,379	4,730	3,497	3,695	3,470	2,368		3,212	2,253	
New Mexico	1,611	1,461	1,838	935	1,039	1,378	345	448		295	379	
New York	36,455	25,921	26,369	7,652	10,956	NA	4,195	5,419		3,629	4,713	
N. Carolina	14,746	15,112	18,049	4,175[3]	NA	7,812	2,625[3]	NA		2,460[3]	NA	
N. Dakota	914	2,062	979	379[1]	290[1]	340	223[1]	147[1]		199[1]	122[1]	
Ohio	37,482	41,272	62,117	5,117		6,006	3,625		3,949	3,379		3,751
Oklahoma	4,079	5,089	5,606	2,049	NA	2,570	715	NA		686	NA	
Oregon	5,465	5,691	5,333	1,315	1,296[3]	1,186	580	999[3]		448	731[3]	
Pennsylvania	10,880	11,491	11,321	4,157[3,4]	4,629[4]	4,076[4]	2,724[3,4]	3,243		2,181[3,4]	2,754	
Rhode Island	859	885	1,237	315	341	368	190	217		181	203	
S. Carolina	3,611	4,444	4,306	1,403	1,406[1]	1,410	977	796[1]		940	695[1]	
S. Dakota	926	1,178	1,363	751	800	973	352	423		313	387	
Tennessee	3,931	7,021	8,648	3,623	3,759	4,611	2,004	2,242		1,823	2,084	
Texas	35,335	35,163	52,442	11,04	16,166	17,368	7,275	8,792		6,881	8,247	
Utah	6,844	7,726	8,227	19[1]	3,768[7]	6,255	14[1]	3,763[7]		14[1]	3,763[7]	
Vermont	1,519	744	785	202	292	179[1]	140	206	122[1]	132	177	108[1]
Virginia	40,478	49,109	42,526	5,646	7,409	9,325	3,431	4,837		2,677	3,688	
Washington	9,422	15,669	18,933	*2,775[1]	1,149[1]	5,764	734[1]	712[1]		658[1]	642[1]	
W. Virginia	669	1,110	1,253	405[1]	395[1]	NA	317[1]	310[1]		267[1]	276[1]	
Wisconsin		13,580	16,614	1,482[1]	1,832[1]	1,230[3,4]	806[1]	1,117[1]		745[1]	1,017[1]	
Wyoming	668	694	763		226	420		88			65	
Puerto Rico	10,259	10,841	9,955		5,121[4]	3,667		365			238	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
214,725	91,814	368,006	222.03	611.85	174.44	64.85	162.32	53.43	33.96	90.09	1.54	30.31	81.75	1.44
16,300* 3,715	2,965 34,939*	2,135 5,081 2,992	51.12 118.52	136.32 176.77	12.55 276.91 122.43	7.27 29.85	32.31 52.45	4.68 48.26 37.80	4.02 15.94	18.52 27.26		3.29 14.75	16.56 25.60	
	40,000*	40,600		121.82	150.94		31.75	81.41		14.64			13.60	
40,450	NA	8,025*	1.13		155.83	--	NA	91.89	--	NA		--	NA	
		65,314*			41.04			12.29						
13,400		4,505* 2,752 6,342 1,228	44.42		103.22 218.13 143.87 796.09	4.71		5.33 47.96 72.53 252.61	2.72			2.37		
3,450		9,025 14,928			51.37 40.81	23.16		16.32 11.72	15.62			14.09		
11,800		NA 10,053*			-- 158.63	84.47		-- 66.85	35.77			31.12		
37,042*	11,494*		256.08	61.16		2.67	29.29		1.61	14.77		1.52	13.94	
		18,575 1,944			26.94 25.72			11.87 7.30						
		60,207 9,654			43.79 186.96			-- 80.92						
911	1,646	32,159 1,801 5,630	447.75	309.17	193.16 311.27 94.72	224.92	NA	18.68 142.69 21.07	78.49	NA	12.28	75.32	NA	11.66
18,157		23,820 8,776 32,460	21.65		5.72 98.54 161.56	19.95		4.08 52.54 53.51	11.04			10.04		
	770			96.62			37.92			26.75			22.99	

Table 93 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Health Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	250,754	333,151	421,008	86,084	102,017	133,755	53,196	69,731	3,424	53,494	65,419	3,218
Alabama	2,975	2,876	4,287	1,150	1,135	1,294	840	816	1,078	810	789	998
Alaska	128	402	392	102	260	129	109	115		103	92	
Arizona	3,636	8,080	6,757	937	3,441	1,903	470	1,658		427	1,582	
Arkansas	1,981	3,008	3,663	1,523	1,156	1,604	1,201	948		1,110	915	
California	37,334	43,320	49,590	16,685[1]	15,637[1]	21,781[4]	6,670[1]	10,505[1]		9,751[1]	10,010[1]	
Colorado	3,873	3,046	3,780	739[1]	2,342[1]	2,352[4]	481[1]	1,466[1]		451[1]	1,389[1]	
Connecticut	1,954	2,728	2,987	1,153	1,370	1,944	842	992		837	922	
Delaware	468	729	804	122	100	98	73	6		72	NA	
Dist. of C.	622	645	651	266	281	260	240	262		240	259	
Florida	15,108	21,135	31,106	6,604	7,888	12,616	3,834	4,933		3,637	4,583	
Georgia	5,079	6,514	10,362	776[1]	1,139[1]	7,289[4]	507[1]	776[1]		491[1]	755[1]	
Hawaii	475	461	617		64[4,6]	222		34[6]			26[6]	
Idaho	711	1,548	1,302	225	274	301	194	222		174	217	
Illinois	11,438	17,682	18,331	3,150	4,764	6,910	2,101	3,382		2,039	3,255	
Indiana	2,644	4,136	4,625	1,470	1,710	NA	1,133	1,454		1,079	1,352	
Iowa	8,226	11,430	21,609	1,529[1]	394[1]	2,777	1,021[1]	1,388[1]		972[1]	1,331[1]	
Kansas	1,298	1,390	1,880	222[2]	646[1]	1,355	190[2]	575[1]		181[2]	543[1]	
Kentucky	2,508	3,325	4,008	1,009	921[5]	1,977	750	529[5]		688	343[5]	
Louisiana	3,378	4,547	6,451	1,506	1,899	1,990[4]	1,117	1,412		1,104	1,364	
Maine	922	529	1,490	281	318	441	167	259		155	246	
Maryland		3,819	4,384	612[1]	520[6]	1,330	392[1]	280[6]		327[1]	243[6]	
Massachusetts		4,382	6,417		2,094	2,539		1,651			1,558	
Michigan	10,063	12,117	18,524	3,939	4,345	5,792	2,004	2,313		1,795	2,158	
Minnesota	4,191	4,468	6,399	2,275	2,372	3,219	1,576	1,613		1,387	1,414	
Mississippi	2,046	2,573	2,930	854	987	1,121	683	798	830	650	742	791
Missouri		6,484	5,332	2,069	3,049	1,343	1,741	2,182		1,675	2,080	
Montana	582	595	665	306	461	510	214	242		199	206	
Nebraska	2,475	4,842	6,197	596	596	781	537	530		518	506	
Nevada	726	1,867	1,840	206	456	625	108	295		108	295	
New Hampshire	220	1,061	1,153	165[1]	181[1]	336	91[1]	165[1]		80[1]	135[1]	
New Jersey	6,095	7,889	10,720	3,072	3,348	4,608	2,258	3,131		1,971	3,033	
New Mexico	1,075	1,538	1,502	631	934	1,405	409	713		358	648	
New York	34,287	32,851	37,801	8,639	10,014	NA	4,424	5,224		4,004	4,889	
N. Carolina	20,588	28,632	34,219	887[3]	NA	8,954	365[3]	NA		325[3]	NA	
N. Dakota	958	848	969	511[1]	527[1]	561	362[1]	399[1]		338[1]	359[1]	
Ohio	8,628	8,820	17,324	2,226		2,245	1,898		1,287	1,828		1,204
Oklahoma	2,958	4,628	4,179	2,056	NA	2,598	1,449	NA		1,369	NA	
Oregon	2,872	4,541	4,962	824	505[3]	1,694	569	202[3]		512	202[3]	
Pennsylvania	10,880	12,865	14,138	811[3,4]	3,028[4]	5,867[4]	490[3,4]	2,285		417[3,4]	1,980	
Rhode Island	950	1,002	857	313	405	574	244	339		241	328	
S. Carolina	1,440	1,051	2,217	804	665[1]	791	461	258[1]		422	231[1]	
S. Dakota	372	470	523	329	366	454	284	307		269	296	
Tennessee	3,931	3,697	5,315	1,661	1,443	2,195	1,248	930		1,170	752	
Texas	13,876	16,902	24,088	6,600	10,690	9,243	5,122	7,995		4,929	7,752	
Utah	1,989	1,875	1,821	244[1]	30[7]	1,359	157[1]	29[7]		150[1]	25[7]	
Vermont	249	436	561	200	296	306[1]	175	207	229[1]	168	198	225[1]
Virginia	4,076	5,122	6,630	1,592	2,631	1,429	1,190	1,928		1,151	1,755	
Washington	7,672	6,957	9,122	1,668[1]	2,527[1]	3,110	1,221[1]	1,794[1]		1,171[1]	1,664[1]	
W. Virginia	1,079	1,662	1,595	599[1]	630[1]	NA	464[1]	492[1]		570[1]	450[1]	
Wisconsin		9,577	12,065	1,946[1]	2,421[1]	394[3,4]	1,120[1]	1,437[1]		1,071[1]	1,337[1]	
Wyoming	178	192	236		143	155		99			95	
Puerto Rico	1,540	1,857	1,631		614[4]	974		161			115	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
56,351	47,828	238,106	444.99	696.56	176.81	152.76	213.30	56.17	99.72	145.80	1.44	94.93	136.78	1.35
		625			62.72			20.64						
8,092*		28,666*	44.93		23.57	11.58		6.64	5.81			5.28		
2,059	1,315	1,568	96.21	228.75	233.61	73.97	87.91	102.29	58.33	72.09		53.91	69.58	
	20,670*			209.58			75.65			50.82			48.43	
	10,800	11,500		195.69	270.49		73.04	109.70		45.68			42.44	
		5,032*			205.92			144.85						
12,100*	1,155		3.92	39.91		--	5.54		--	2.94		--	2.25	
		93,369*			19.63			7.40						
		2,951*			732.26			94.10						
	2,790	5,294		49.82	35.51		23.15	25.59		20.61			19.46	
		5,700			70.32			34.68						
		919			701.96			216.54						
1,920		1,632	0		268.63	31.88		81.49	20.42			17.03		
		3,489			183.92			72.77						
2,600		3,400	387.04		544.32	151.50		170.35	77.08			69.04		
		5,389*			118.74			59.73						
17,860*	7,174*			90.38		11.58	42.50		9.75	30.42		9.38	28.99	
		4,607			134.51			16.95						
		520			353.85			120.19						
		20,143			187.66			--						
		3,734			916.42			239.79						
		13,711			126.35			16.37			9.39			8.78
5,274	3,674	4,188	56.09	125.97	99.78	38.98	NA	62.03	27.47	NA		25.96	NA	
		2,220			223.51			76.31						
		844			61.97			53.79						
6,446		3,045	60.98		174.55	25.77		72.08	19.36			18.15		
		15,560			154.81			59.40						
	250			174.40			118.40			82.80			79.20	

Table 94 - Percent of Labor Demand Supplied by Vocational Education Enrollment*, Completions, Available for Work, and Placements in Food Service Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	148,113	186,367	179,214	32,260	51,417	61,293	24,930	28,430	2,220	15,787	25,270	1,989
Alabama	4,483	3,804	4,589	806	858	846	457	500	483	374	413	386
Alaska	276	281	302	282	92	25	200	57		159	49	
Arizona	2,273	1,221	2,217	259	456	488	105	279		73	239	
Arkansas	2,641	1,847	1,882	440	411	499	213	224		171	172	
California	10,298	12,797	12,931	2,519[1]	3,418[1]	4,357[4]	7,917[1]	1,622[1]		974[1]	1,426[1]	
Colorado	2,188	2,653	5,144	149[1]	546[1]	3,062[4]	88[1]	307[1]		78[1]	285[1]	
Connecticut	1,017	49	1,348	231	311	401	116	197		101	178	
Delaware	507	1,154	734	273	105	150	106	2		90	NA	
Dist. of C.	525	693	418	144	5	89	143	3		138	2	
Florida	7,150	12,567	12,424	1,592	1,992	7,290	812	1,014		720	801	
Georgia	25,352	7,478	5,744	837[1]	1,055[1]	4,565[4]	503[1]	665[1]		457[1]	592[1]	
Hawaii	652	831	1,252		49[4,6]	185		30[6]			21[6]	
Idaho	291	452	445	138	186	301	107	96		97	84	
Illinois	9,512	20,162	14,468	1,681	1,858	3,477	848	933		711	830	
Indiana	2,821	3,580	3,770	608	672	NA	379	465		333	436	
Iowa	1,468	1,914	1,929	319[1]	399[1]	880	182[1]	283[1]		155[1]	268[1]	
Kansas	3,244	1,426	1,381	159[2]	348[1]	348	95[2]	241[1]		67[2]	199[1]	
Kentucky	1,616	1,900	1,908	586	0[5]	454	367	0[5]		305	0[5]	
Louisiana	1,816	2,206	2,233	495	764	629[4]	211	321		199	260	
Maine	316	250	625	[illegible]	[illegible]	316	55	73		53	65	
Maryland		1,328	1,339	215[1]	0[6]	305	131[1]	0[6]		85[1]	0[6]	
Massachusetts		3,295	3,699		1,434	1,276		1,230			1,198	
Michigan	9,008	11,036	9,469	2,833	4,150	3,754	1,233	1,965		1,046	1,743	
Minnesota	6,145	7,043	6,799	3,304	3,438	4,183	2,357	2,451		2,121	2,202	
Mississippi	955	1,756	877	178	179	238	105	107	148	98	103	140
Missouri		6,137	4,624	878	1,970	375	529	1,045		478	923	
Montana	248	89	413	146	51	190	73	34		64	30	
Nebraska	480	501	794	89	76	221	42	40		31	32	
Nevada	247	244	197	46	58	70	23	17		23	16	
New Hampshire	145	328	279	49[1]	83[1]	133	24[1]	48[1]		23[1]	45[1]	
New Jersey	4,280	4,551	4,076	1,397	1,527	1,231	884	1,179		761	1,094	
New Mexico	825	1,200	1,029	331	428	745	114	227		95	190	
New York	7,434	9,317	10,014	1,999	10,014	NA	1,157	5,224		911	4,889	
N. Carolina	7,832	10,316	10,507	887[3]	NA	2,599	592[3]	NA		523[3]	NA	
N. Dakota	364	429	258	99[1]	161[1]	99	70[1]	88[1]		58[1]	71[1]	
Ohio	5,317	8,962	7,195	1,368		2,310	1,138		1,451	1,065		1,335
Oklahoma	1,589	1,810	1,833	492	NA	564	226	NA		216	NA	
Oregon	667	1,327	1,533	55[3,4]	298[3]	555	55	58[3]		55	32[3]	
Pennsylvania	4,218	9,590	5,064	951	1,625[4]	1,796[4]	570[3,4]	984		439[3,4]	749	
Rhode Island	161	250	306	0	13	159	0	13		0	8	
S. Carolina	773	1,199	1,556	135	541[1]	719	92	330[1]		85	291[1]	
S. Dakota	623	831	840	248	378	432	111	415		99	394	
Tennessee	1,633	1,875	2,288	551	677	903	247	415		208	370	
Texas	7,203	9,314	9,922	1,960	3,106	3,643	1,099	1,826		1,024	1,711	
Utah	1,348	1,495	1,549	321[1]	377[7]	1,348	72[1]	327[7]		60[1]	314[7]	
Vermont	225	386	421	99	164	182[1]	54	38	138[1]	46	81	128[1]
Virginia	2,723	3,663	4,099	938	1,075	1,418	572	672		510	563	
Washington	3,076	4,137	3,166	459[1]	3,886[1]	1,491	115[1]	1,663[1]		106[1]	1,416[1]	
W. Virginia	688	966	542	354[1]	184[1]	NA	204[1]	115[1]		183[1]	81[1]	
Wisconsin		2,800	6,379	262[1]	562[1]	275[3,4]	137[1]	330[1]		119[1]	308[1]	
Wyoming	178	194	106		54	75		30			29	
Puerto Rico	1,282	2,733	2,297		1,253[4]	1,642		187			67	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
77,590	26,807	162,108	190.89	695.22	110.55	41.58	191.80	37.81	32.13	106.05	1.37	20.35	94.27	1.23
9,025 1,192	1,330 7,271*	907 4,999 1,340	25.19 221.36	138.87 176.00	33.29 44.35 140.45	2.87 36.91	30.90 47.01	2.76 9.76 37.28	1.16 17.87	16.84 22.31		.81 14.35	12.93 19.61	
	7,800	7,900		161.11	157.27		25.54	92.28		13.00			10.27	
25,600*	1,325*	7,616 25,326*	2.55	62.72	75.42 57.13	--	3.70	59.94 13.73	--	2.26		--	1.58	
1,500		2,422* 2,082 4,942 2,290	216.27		79.64 66.33 38.61 97.51	10.60		36.33 16.71 9.19 27.47	6.33			4.47		
1,885 5,300		2,093 10,230 6,000 5,431	-- 115.94		63.97 36.16 157.82 125.19	11.41 53.45		14.57 12.47 62.57 77.02	6.95 23.26			4.51 19.74		
26,650*	5,190*		--	118.25		3.29	37.96		.20	20.14		1.79	17.78	
		1,144 5,677			69.41 3.47			19.32 1.23						
		19,981 4,272*			50.12 245.95			-- 60.84						
2,433	3,311	25,467 3,593 0	65.31	54.67	28.25 51.02	20.22	NA	9.07 15.69 0	9.29	NA	5.69	8.88	NA	5.24
4,005		2,771 6,195 9,430	40.77		30.31 36.93 105.22	13.76		15.59 14.58 38.63	6.17			5.19		
	580			66.55			28.28			15.17			13.97	

Table 95 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Clerical Accounting Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	792,661	948,402	993,318	303,552	247,067	294,307	145,558	129,397	7,533	123,069	112,551	6,852
Alabama	11,226	12,068	11,537	4,077	4,418	3,558	2,709	2,829	2,271	2,071	2,197	2,011
Alaska	10	1,396	2,562	4	405	1,006	4	129		4	116	
Arizona	2,273	3,489	11,388	1,606	1,673	2,880	883	919		735	756	
Arkansas	3,004	3,837	3,954	1,278	1,329	1,177	825	775		715	667	
California	192,187	186,768	203,526	62,885[1]	61,715[1]	61,672[4]	23,735[1]	26,659[1]		20,239	23,403[1]	
Colorado	11,404	11,679	13,855	4,712[1]	7,391[1]	7,208[4]	1,888[1]	2,907[1]		1,401[1]	2,252[1]	
Connecticut	7,159	7,495	7,776	2,638	2,926	3,199	1,229	1,498		1,129	1,384	
Delaware	3,418	2,840	3,732	464	476	957	239	62		203	24	
Dist. of C.	314	255	285	64	128	154	49	92		47	91	
Florida	23,222	30,676	42,003	10,405	9,467	17,042	4,800	5,047		4,402	4,477	
Georgia	25,352	36,848	26,506	4,168[1]	7,009[1]	12,615[4]	2,466[1]	3,683[1]		2,358[1]	3,257[1]	
Hawaii	5,096	6,013	10,051		312[4,6]	2,477		199[6]			136[6]	
Idaho	1,229	1,464	1,539	417	412	146	149	167		100	133	
Illinois	92,476	82,622	110,563	17,636	1,858	31,423	8,272	938		7,341	830	
Indiana	7,204	9,027	7,892	3,575	3,744	NA	2,182	2,884		1,721	2,466	
Iowa	4,630	4,956	5,675	685[1]	1,208[1]	883	437[1]	749[1]		384[1]	698[1]	
Kansas	4,941	6,283	4,477	637[2]	866[1]	1,652	285[2]	544[1]		243[2]	437[1]	
Kentucky	12,551	14,615	15,513	3,231	292[5]	6,794	1,864	202[5]		1,394	184[5]	
Louisiana	29,835	26,136	27,916	12,655	11,572	10,622[4]	4,278	4,367		3,636	3,777	
Maine	3,479	6,202	7,991	1,169	1,716	2,326	570	1,253		488	785	
Maryland		33,608	37,034	7,796[1]	0[6]	8,428	3,184[1]	0[6]		1,521[1]	0[6]	
Massachusetts		31,483	32,463		7,492	8,127		4,561			4,186	
Michigan	27,221	27,763	25,869	10,750	10,259	8,847	4,204	4,539		3,377	4,254	
Minnesota	13,041	13,966	13,650	5,432	5,646	4,940	4,761	4,997		4,572	4,798	
Mississippi	2,503	2,993	3,438	448	638	962	250	345	539	209	314	463
Missouri		14,297	13,246	5,396	7,388	1,061	3,384	4,291		2,712	3,643	
Montana	1,893	3,485	950	705	1,287	614	323	434		292	335	
Nebraska	2,988	5,130	5,930	1,808	1,879	1,476	935	984		699	795	
Nevada	1,379	1,590	3,740	428	485	1,388	239	198		215	181	
New Hampshire	3,671	3,786	4,611	401[1]	454[1]	750	219[1]	274[1]		207[1]	246[1]	
New Jersey	38,657	29,680	41,568	11,559	7,618	8,698	7,008	5,619		6,649	5,303	
New Mexico	5,110	3,903	5,430	3,002	1,842	3,191	2,577	1,535		2,488	1,380	
New York	62,099	84,491	58,687	57,119	21,103	NA	28,519	8,874		23,495	7,512	
N. Carolina	10,299	11,199	11,360	2,114[3]	NA	4,772	1,162[3]	NA		1,049[3]	NA	
N. Dakota	1,799	2,068	1,885	746[1]	658[1]	723	310[1]	279[1]		269[1]	228[1]	
Ohio	20,823	27,428	7,195	6,327		6,505	4,481		4,408	4,072		4,113
Oklahoma	5,116	5,957	3,121	3,894	NA	1,243	1,523	NA		1,466	NA	
Oregon	14,217	14,511	8,586	3,811	3,475[3]	1,844	1,535	1,272[3]		1,233	925[3]	
Pennsylvania	52,096	38,667	40,721	13,966[3,4]	17,230[4]	15,312[4]	9,306[3,4]	12,115		7,569[3,4]	10,175	
Rhode Island	671	719	511	160	204	225	94	120		82	113	
S. Carolina	1,430	5,505	6,625	65	1,858[1]	1,846	32	910[1]		29	754[1]	
S. Dakota	703	347	809	556	239	522	293	131		253	110	
Tennessee	7,812	8,750	10,368	3,071	4,235	4,835	1,620	2,932		1,381	2,633	
Texas	23,945	22,198	25,760	9,235	12,804	14,187	4,864	8,632		4,279	8,054	
Utah	11,694	9,361	7,755	3,127[1]	112[7]	1,510	417[1]	80[7]		306[1]	69[7]	
Vermont	436	1,044	1,580	398	385	479[1]	232	193	315[1]	214	165	265[1]
Virginia	2,723	17,757	12,239	4,389	4,487	3,588	2,126	3,468		1,717	2,028	
Washington	30,465	33,184	44,651	8,697[1]	8,653[1]	16,114	1,737[1]	3,101[1]		1,522[1]	2,561[1]	
W. Virginia	5,050	8,852	7,490	2,277[1]	2,344[1]	NA	1,099[1]	1,317[1]		662[1]	925[1]	
Wisconsin		25,873	32,228	3,569[1]	3,834[1]	2,275[3,4]	2,260[1]	2,576[1]		1,919[1]	2,243[1]	
Wyoming	1,874	1,964	2,392		667	898		380			356	
Puerto Rico	1,936	2,174	2,685		874[4]	1,156		337			195	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
184,900	37,465	387,401	428.69	2531.43	256.41	164.17	659.46	75.97	78.72	345.38	1.95	66.56	300.42	1.77
13,700* 4,725	1,480 4,600*	2,540 4,095 1,530	16.59 63.58	259.26 4,060.17	100.87 278.09 258.43	11.72 27.05	89.80 1,341.63	39.61 70.33 76.93	6.45 17.46	52.37 579.54		5.36 15.73	45.07 508.76	
	10,000*	11,000		306.76	381.85		94.67	154.93		50.47			44.77	
45,400	NA	15,771 96,463*	11.22		168.07 114.62	--	NA	79.99 32.57	--	NA		--	NA	
1,815		6,348* 5,235 4,962 3,736	272.23		89.39 85.52 312.64 747.22	35.09		13.91 31.56 136.92 284.31	15.70			13.39		
9,319 21,200		12,582 16,075 27,300 8,487*	0 128.40		294.34 201.95 94.76 160.83	83.66 50.71		66.98 50.56 32.41 58.21	34.17 19.83			16.32 15.93		
76,560*	7,551*		0	189.34		7.05	97.84		4.42	56.83		3.54	48.25	
		11,332 3,529			52.33 105.98			13.02 39.33						
		64,058 6,555			91.62 173.30			-- 72.79						
1,327	5,840	55,845 7,109 5,361	385.53	102.00	12.88 43.90 160.16	293.44	NA	11.65 17.48 34.39	114.77	NA	7.89	110.45	NA	7.36
10,854	7,344	2,238 15,250	71.97	119.14	36.15 168.97	28.29	57.67	23.32 93.03	14.93	39.92		12.72	35.85	
	650			160.62			59.23			29.69			25.39	

Table 96 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work and Placements in Secretarial Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	1,132,773	1,159,276	1,332,377	281,238	315,119	300,513	139,598	163,120	6,408	120,576	143,584	6,001
Alabama	2,981	4,377	5,077	1,300	1,609	1,625	919	960	1,256	756	846	1,170
Alaska	5,025	4,553	4,961	1,410	1,496	1,216	1,144	741		1,035	682	
Arizona	9,168	16,706	11,202	2,620	6,803	2,518	1,236	4,111		1,189	3,919	
Arkansas	4,935	7,418	7,674	1,510	1,381	1,381	1,010	855		887	723	
California	204,636	189,478	183,511	66,306[1]	55,964[1]	54,167[4]	26,127[1]	23,222[1]		21,943[1]	20,684[1]	
Colorado	8,697	7,854	7,112	1,847[1]	3,135	3,381[4]	769[1]	1,374[1]		591[1]	1,133[1]	
Connecticut	37,261	41,338	42,463	5,952	6,958	7,691	3,359	4,065		3,065	3,725	
Delaware	12,091	9,898	10,131	186	1,020	1,417	109	156		109	55	
Dist. of C.	631	587	691	117	138	260	98	125		98	123	
Florida	53,295	71,979	61,261	13,607	18,033	25,202	6,642	9,639		5,762	8,466	
Georgia	57,640	47,473	56,133	10,809[1]	10,936[1]	9,648[4]	6,401	5,065[1]		6,127	4,379[1]	
Hawaii	7,104	4,651	3,599		137[4,6]	1,010		112[6]			92[6]	
Idaho	4,290	4,013	4,019	1,197	960	1,113	487	439		330	358	
Illinois	138,302	140,722	120,485	11,810	17,720	26,689	5,388	9,370		4,912	8,686	
Indiana	12,183	17,680	13,953	4,680	4,213	NA	2,860	2,782		2,230	2,421	
Iowa	2,541	7,835	7,312	1,015[1]	691[1]	457	663[1]	595[1]		594[1]	560[1]	
Kansas	3,336	4,934	5,697	468[2]	855[1]	1,728	264[2]	569[1]		226[2]	497[1]	
Kentucky	7,162	8,604	10,232	2,159	226[5]	3,822	1,285	170[5]		996	123[5]	
Louisiana	29,874	28,370	28,237	8,950	8,712	7,079[4]	3,342	2,996		2,822	2,598	
Maine	5,289	6,245	7,411	1,396	1,353	1,805	707	983		616	663	
Maryland		24,934	24,894	16[1]	146[6]	3,364	14[1]	86[6]		7[1]	78[6]	
Massachusetts		44,980	50,077		9,692	10,203		5,825			5,351	
Michigan	31,300	32,542	26,911	13,782	14,607	9,760	5,541	6,618		4,502	5,780	
Minnesota	9,134	15,223	17,042	5,003	5,128	5,709	4,386	4,574		4,212	4,386	
Mississippi	4,665	4,856	6,125	656	553	673	412	361	466	375	337	412
Missouri		6,769	13,246	3,740	4,061	3,347	2,267	2,765		2,376	2,469	
Montana	3,383	4,385	950	2,040	1,273	2,065	1,259	455		1,126	365	
Nebraska	2,988	3,484	5,049	1,219	1,630	1,886	632	936		514	848	
Nevada	3,335	5,411	6,798	859	1,628	2,711	357	789		296	701	
New Hampshire	6,256	3,260	4,205	361[1]	488[1]	586	180[1]	321[1]		168[1]	309[1]	
New Jersey	75,635	72,531	78,541	23,660	15,024	14,359	12,790	9,430		11,760	8,850	
New Mexico	13,408	12,017	12,463	6,616	2,675	3,144	5,807	1,900		5,627	1,696	
New York	151,942	20,801	154,631	18,827	54,153	NA	9,793	24,936		8,644	21,137	
N. Carolina	12,899	14,737	14,794	2,277[3]	NA	5,300	1,284[3]	NA		1,125[3]	NA	
N. Dakota	2,258	2,763	2,752	944[1]	1,123[1]	1,230	462[1]	561[1]		390[1]	467[1]	
Ohio	20,237	23,848	27,117	4,749		6,103	3,375		4,358	2,962		4,130
Oklahoma	3,786	5,036	5,695	2,962	NA	2,891	1,902	NA		824	NA	
Oregon	8,755	10,853	15,069	2,296	2,599[3]	4,425	974	952[3]		743	573[3]	
Pennsylvania	47,662	35,806	40,070	12,226[3,4]	12,349[4]	16,570[4]	8,394[3,4]	9,142		7,206[3,4]	8,125	
Rhode Island	78	91	552	75	139	469	42	109		42	98	
S. Carolina	9,504	5,478	5,023	2,998	1,448[1]	1,320	1,451	803[1]		1,172	725[1]	
S. Dakota	980	1,072	934	819	465	252	459	257		403	223	
Tennessee	8,196	10,228	10,270	4,613	5,807	4,816	2,895	3,729		2,641	3,271	
Texas	7,077	17,670	20,014	3,844	8,611	8,043	2,300	6,759		1,063	6,121	
Utah	17,292	18,455	14,294	9,222[1]	429[7]	2,851	943[1]	279[7]		609[1]	236[7]	
Vermont	787	1,260	1,731	556	636	636[1]	315	328	328[1]	280	288	289[1]
Virginia	38,349	39,678	69,908	8,016	9,682	10,243	4,069	5,064		3,390	4,326	
Washington	20,574	26,648	31,798	5,540[1]	4,962[1]	12,070	895[1]	1,535[1]		876[1]	1,223[1]	
W. Virginia	5,405	5,533	8,483	1,698[1]	1,297[1]	NA	970[1]	766[1]		684[1]	605[1]	
Wisconsin		41,817	46,613	4,285[1]	5,253[1]	3,713[3,4]	2,615[1]	3,391[1]		2,271[1]	3,053[1]	
Wyoming	3,947	4,238	4,578		1,147	1,658		323			270	
Puerto Rico	16,500	18,157	20,569		5,774[4]	7,699		1,797			940	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
142,569	85,657	227,959	794.54	1353.39	584.48	197.26	367.89	134.46	97.92	192.77	2.81	84.57	167.63	2.63
11,050 4,005	1,865 34,854*	1,964 8,285 1,919	82.97 123.22	397.75 543.63	252.59 135.21 399.89	23.71 37.70	74.05 160.57	64.91 30.39 71.96	11.19 25.22	45.85 66.63		10.76 22.15	38.77 59.35	
	31,200	31,500		230.70	194.48		57.80	80.00		30.89			27.14	
0	5,660	7,663 23,814*	0	82.17	732.52 505.94	--	2.42	125.90 112.07	--	1.98		--	1.63	
1,400		3,567 3,253 2,914 3,434	238.29		204.99 175.13 351.13 822.28	33.43		12.81 53.12 131.16 206.14	18.86			16.14		
7,403 8,400		4,117 10,004 14,400 15,087	-- 372.62		604.66 500.57 186.88 112.96	.22 164.07		81.71 101.99 67.78 37.84	.19 65.96			.09 53.59		
104,450	9,298		--	72.80		3.58	43.68		2.17	29.74		2.27	26.55	
		3,720 1,387			135.73 490.12			50.69 195.46						
		23,410 14,166			660.53 104.43			37.41						
2,804	2,780	4,131 3,651 7,361	135.02	181.15	656.43 155.98 204.71	105.63	NA	147.74 79.18 60.11	67.83	NA	105.49	29.39	NA	99.98
3,057		741 6,161 31,310	268.11		126.05 166.69 63.92	150.90		34.00 78.17 25.69	94.70			86.39		
	0			0			0			0			0	

Table 97 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Industrial Mechanics Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	594,413	753,338	828,920	142,761	153,353	210,613	74,548	90,311	9,643	67,790	82,794	9,185
Alabama	27,823	34,125	33,412	5,191	5,836	6,523	2,976	3,944	4,536	2,857	3,710	4,274
Alaska	740	1,476	1,779	554	428	570	383	278		292	278	
Arizona	4,956	4,928	10,054	1,934	1,866	2,637	1,000	1,310		929	1,189	
Arkansas	12,940	15,914	15,020	2,336	2,590	2,559	1,521	1,653		1,435	1,581	
California	83,782	101,292	95,238	21,567[1]	24,565[1]	28,488[4]	8,383[1]	11,915[1]		7,663[1]	10,981[1]	
Colorado	7,091	6,598	12,095	1,565[1]	3,288[1]	4,227[4]	632[1]	1,593[1]		551[1]	1,444[1]	
Connecticut	6,166	5,975	5,736	463	783	928	299	595		283	560	
Delaware	1,397	2,519	1,935	221	325	388	121	15		110	NA	
Dist. of C.	730	714	826	262	222	91	207	148		207	148	
Florida	30,708	39,908	40,856	7,838	6,689	16,921	3,134	3,316		2,883	2,999	
Georgia	18,154	21,593	24,803	2,753	3,316	8,665[4]	1,632[1]	2,094[1]		1,527[1]	1,979[1]	
Hawaii	1,873	2,886	3,801		178[4,6]	675		109[6]			66[6]	
Idaho	2,011	2,175	2,932	596[1]	658	748	314[1]	420		297[1]	407	
Illinois	40,902	49,018	49,069	5,874	8,691	13,548	2,934	5,179		2,702	4,930	
Indiana	8,765	12,871	15,867	2,159	3,877	NA	1,495	3,180		1,405	2,772	
Iowa	7,105	7,568	10,763	2,553[1]	1,772[1]	4,792	1,493[1]	696[1]		1,376[1]	646[1]	
Kansas	6,031	8,412	7,509	1,871[2]	1,627[1]	2,919	656[2]	1,128[1]		585[2]	1,088[1]	
Kentucky	7,855	11,635	10,254	2,063	649[5]	3,268	993	398[5]		826	320[5]	
Louisiana	10,867	14,500	14,807	2,753	3,625	2,826[4]	1,264	1,488		1,210	1,328	
Maine	2,421	1,296	3,905	625	621	748	393	428		362	403	
Maryland		7,917	8,375	744[1]	45[6]	1,550	558[1]	13[6]		384[1]	9[6]	
Massachusetts		9,114	10,444		1,408	2,023		1,049			969	
Michigan	22,488	27,160	29,173	8,341	6,746	7,850	2,899	3,453		2,615	3,161	
Minnesota	18,713	21,278	23,156	4,480	4,666	5,576	3,463	3,588		2,994	3,112	
Mississippi	9,877	9,144	12,523	2,105	2,127	2,619	1,420	1,276	1,515	1,357	1,229	1,470
Missouri		12,918	10,356	2,966	4,523	1,495	1,856	2,622		1,707	2,450	
Montana	3,350	5,063	4,711	2,199	1,307	2,213	1,003	692		913	581	
Nebraska	4,286	5,646	6,279	1,454	1,566	1,707	1,024	995		945	951	
Nevada	1,662	1,965	4,453	668	463	2,427	285	230		262	192	
New Hampshire	663	1,255	1,1[illegible]	164[1]	327[1]	407	84[1]	241[1]		69[1]	233[1]	
New Jersey	13,838	17,093	20,179	3,517	2,176	2,855	2,425	1,625		2,270	1,560	
New Mexico	2,794	3,753	3,344	588	2,155	2,928	274	1,697		193	1,549	
New York	35,606	43,498	45,332	12,412	13,021	NA	6,431	7,465		5,723	6,689	
N. Carolina	34,208	40,797	49,662	3,623[3,1]	NA	11,293	2,184[3]	NA		2,089[3]	NA	
N. Dakota	2,582	3,023	3,685	789	878[1]	965	470[1]	517[1]		432[1]	485[1]	
Ohio	14,964	20,921	21,489	3,676		4,514	2,702		3,217	2,496		3,090
Oklahoma	12,212	16,237	16,386	4,506	NA	4,057	2,251	NA		2,187	NA	
Oregon	5,423	5,348	10,046	1,373	2[3]	2,705	611	2[3]		476	1[3]	
Pennsylvania	19,094	19,684	24,952	2,898[3,4]	6,130[4]	9,505[4]	2,080[3,4]	4,752		1,186[3,4]	4,308	
Rhode Island	987	1,943	1,831	175	181	1,087	95	155		86	152	
S. Carolina	6,378	10,791	10,666	1,169	2,585[1]	2,596	629	1,112[1]		596	1,083[1]	
S. Dakota	1,305	1,734	1,890	779	738	784	404	415		365	394	
Tennessee	11,685	10,794	13,719	3,566	3,959	4,634	1,559	2,768		1,468	2,555	
Texas	38,444	37,158	49,522	5,821	12,898	14,888	4,272	8,471		4,179	8,186	
Utah	8,872	10,161	8,304	1,972[1]	223[7]	3,283	456[1]	157[7]		395[1]	148[7]	
Vermont	756	1,734	1,692	316	545	479[1]	198	350	375[1]	187	326	351[7]
Virginia	14,037	15,741	22,313	2,463	2,243	4,496	1,831	1,470		1,758	1,351	
Washington	13,871	14,390	12,038	2,692[1]	3,082[1]	4,631	759[1]	1,535[1]		721[1]	1,315[1]	
W. Virginia	8,246	3,881	4,868	1,117[1]	909[1]	NA	752[1]	665[1]		637[1]	145[1]	
Wisconsin		22,315	28,972	3,010[1]	3,966[1]	2,617[3,4]	1,743[1]	2,567[1]		1,600[1]	2,440[1]	
Wyoming	890	709	1,029		267	328		181			148	
Puerto Rico	4,865	4,770	5,707		2,611[4]	2,580		361			243	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
102,377	38,450	167,642	580.84	1,959.27	494.46	139.50	398.84	125.63	72.85	234.88	5.75	66.24	230.93	5.48
7,060 2,975	3,895 18,206*	4,165 5,271 3,508	70.19 434.96	408.57 556.37	42.71 190.74 428.16	27.39 78.52	66.50 134.93	13.69 50.03 72.95	14.16 51.13	42.44 65.45		13.16 48.23	40.60 60.32	
	4,200*	4,200		950.19	972.76		159.26	402.88		78.95			71.41	
21,600*	735*	7,723* 64,653*	8.67	392.65	321.16 75.89	--	24.22	112.19 20.95	--	14.83		--	8.98	
2,080		1,316 1,173 5,141 1,700	289.95		817.86 640.15 199.45 871.00	89.95		364.13 248.85 63.57 166.23	31.54			28.12		
1,802 44,050		3,200 2,749 6,400 5,611*	-- 51.05		261.72 379.92 455.83 412.69	41.29 18.93		48.44 73.59 122.66 99.38	30.96 6.58			21.31 5.94 13.39	30.37	
12,750*	8,067*	7,959 783	--	160.13	78.89 568.71	23.26	56.07	21.45 309.96	14.56	32.50				
		2,727 4,734			1,662.34 1,049.05			238.55						
2,722	3,347	15,061 3,965 2,564	448.64	485.12	142.68 413.27 391.81	165.54	NA	29.97 102.32 105.49	82.70	NA	21.36	80.34	NA	20.52
7,338		902 4,242 7,500	159.24		209.53 323.41 660.00	48.59		86.92 109.24 198.51	21.25		94.94	20.01		88.86
		395			428.35			121.27						

Table 98 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Construction Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	260,726	399,174	338,283	46,698	61,876	76,543	26,154	27,220	1,725	23,326	33,933	1,654
Alabama	3,580	4,674	4,751	849	1,068	1,086	513	688	690	463	657	663
Alaska	175	652	807	139	302	153	89	199		55	199	
Arizona	1,786	1,131	2,787	181	372	661	116	220		116	197	
Arkansas	1,792	1,978	2,533	345	212	307	230	152		191	143	
California	54,135	55,840	30,919	7,475[1]	7,096[1]	7,362[4]	2,932[1]	3,119[1]		2,654[1]	2,873[1]	
Colorado	2,176	3,620	1,999	174[1]	845[1]	695[4]	57[1]	389[1]		45[1]	347[1]	
Connecticut	4,498	5,105	5,046	346	437	456	239	353		218	324	
Delaware	1,061	1,834	1,221	183	284	124	126	3		117	NA	
Dist. of C.	286	271	757	95	114	75	60	65		56	61	
Florida	11,176	15,496	20,525	1,443	1,450	9,375	473	674		420	591	
Georgia	5,311	6,642	5,712	467[1]	606[1]	2,623[4]	304[1]	360[1]		249[1]	327[1]	
Hawaii	1,822	5,938	4,216		39[4,6]	123		26[6]			20[6]	
Idaho	542	963	825	23	36	33	20	26		20	26	
Illinois	29,583	57,081	41,998	5,298	6,849	7,008	2,736	4,198		2,512	3,919	
Indiana	4,233	5,102	3,429	995	1,146	NA	750	881		710	768	
Iowa	1,990	3,158	3,347	79[1]	363[1]	643	46[1]	241[1]		44[1]	228[1]	
Kansas	1,365	1,985	2,499	139[2]	246[1]	401	82[2]	166[1]		71[2]	161[1]	
Kentucky	2,561	3,296	3,122	583	121[5]	1,059	319	92[5]		257	74[5]	
Louisiana	2,062	2,959	3,238	276	410	379[4]	118	190		109	185	
Maine	1,220	818	2,005	346	120	548	214	104		188	102	
Maryland		8,128	7,387	408[1]	22[6]	722	341[1]	12[6]		24[illegible][1]	11[6]	
Massachusetts		10,919	8,570		1,102	1,452		862			776	
Michigan	6,254	10,915	8,730	1,977	1,768	2,002	955	930		881	872	
Minnesota	6,983	8,842	6,838	1,765	1,806	2,110	1,417	1,444		1,205	1,229	
Mississippi	2,694	5,290	3,037	1,026	524	638	648	335	346	607	229	325
Missouri		4,463	2,640	837	890	167	583	615		534	579	
Montana	316	1,571	2,186	177	673	424	66	437		57	389	
Nebraska	1,732	2,479	2,687	727	640	1,124	448	418		388	385	
Nevada	766	970	2,506	9	253	1,042	0	124		0	111	
New Hampshire	237	475	827	21[1]	327[1]	143	11[1]	241[1]		11[1]	233[1]	
New Jersey	7,246	9,582	8,649	1,253	2,176	1,293	789	1,625		682	1,560	
New Mexico	991	1,455	2,096	141	2,155	1,925	49	1,697		42	1,549	
New York	23,571	22,256	24,418	5,206	13,021	NA	2,836	7,465		2,455	6,689	
N. Carolina	14,674	26,989	23,445	2,548[3]	NA	7,120	1,737[3]	NA		1,662[3]	NA	
N. Dakota	299	520	622	131[1]	133[1]	224	72[1]	84[1]		67[1]	83[1]	
Ohio	6,695	7,137	7,318	406		758	298		535	284		517
Oklahoma	3,083	3,745	3,849	1,113	NA	1,363	570	NA		556	NA	
Oregon	1,866	6,560	2,049	70	0[3]	137	47	0[3]		43	0[3]	
Pennsylvania	14,566	18,161	17,835	1,840[3,4]	4,952[4]	7,051[4]	1,270[3,4]	3,780		1,088[3,4]	3,491	
Rhode Island	741	969	1,001	89	97	479	60	56		56	54	
S. Carolina	4,710	9,356	7,008	1,182	1,440[1]	1,689	880	848[1]		384	820[1]	
S. Dakota	804	862	898	543	207	273	321	117		312	113	
Tennessee	4,145	6,246	5,744	1,200	1,329	1,586	600	973		595	905	
Texas	7,077	13,671	11,702	1,553	437	1,633	1,146	855		1,124	804	
Utah	2,434	5,757	3,700	388[1]	134[7]	1,077	39[1]	93[7]		30[1]	90[7]	
Vermont	576	793	731	219	225	186[1]	107	155	154[1]	97	140	143[1]
Virginia	4,964	9,028	9,011	1,002	1,249	1,693	688	705		636	615	
Washington	5,423	7,059	5,742	431[1]	509[1]	2,127	149[1]	312[1]		143[1]	284[1]	
W. Virginia	1,117	2,355	1,522	193[1]	305[1]	NA	147[1]	218[1]		132[1]	178[1]	
Wisconsin		8,017	8,955	802[1]	427[1]	576[3,4]	456[1]	287[1]		418[1]	272[1]	
Wyoming	206	336	354		85	120		29			24	
Puerto Rico	5,202	5,725	4,490		2,87[illegible][4]	2,304		357			246	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
30,045	20,376	104,887	520.98	1959.04	353.14	93.31	303.67	79.90	52.26	182.67	1.80	46.41	166.53	1.73
		99			815.15			154.55						
6,050		1,691	29.52		164.81	2.99		39.09	1.92			1.92		
1,560	2,415	2,259	114.87	81.90	112.13	22.11	8.78	13.59	14.74	6.29		12.24	5.92	
	6,682*			835.68			106.20			46.68			43.00	
	6,700	6,700		231.28	306.34		21.64	139.93		10.06			8.82	
		2,643			216.12			99.24						
25,800	725*		7.06	819.03		--	5.38		--	3.59		--	2.76	
		30,747*			136.59			22.79						
		1,026			326.21			62.67						
335		485	407.46		515.26	41.49		82.68	24.48			21.19		
		2,342			133.30			45.22						
		1,835			176.46			20.65						
1,084		888	--		831.87	37.64		81.31	31.46			22.32		
		1,693			506.20			85.76						
2,300		1,400	271.91		623.57	35.96		143.00	41.52			38.30		
		1,869			365.86			11.24						
8,600*	1,760		--	253.58		9.73	50.57		6.78	34.94		6.21	32.90	
		8,200			32.77			13.71						
		654			303.18			159.33						
		8,479			287.98			--						
		6,673			351.34			106.69						
		10,103			72.43			7.50			5.29			5.12
1,162	1,754	2,013	265.31	213.51	191.21	95.78	NA	67.71	49.05	NA		47.85	NA	
		1,625			126.09			8.43						
		304			295.39			89.80						
3,154		5,459	131.42		105.22	38.05		29.05	19.02			18.86		
		5,700			205.29			28.65						
	340			233.24			66.18			45.59			41.18	

Table 99 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work and Placements in Electricity - Electronics Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	288,731	350,495	386,781	56,413	64,240	80,440	28,740	35,446	2,313	26,136	32,309	2,199
Alabama	5,519	7,647	8,877	1,101	1,230	1,493	631	846	1,113	604	819	1,053
Alaska	269	607	807	136	238	205	91	149		57	149	
Arizona	2,268	1,291	5,613	277	504	851	147	300		147	300	
Arkansas	1,893	1,890	2,116	293	294	366	185	190		168	184	
California	51,523	41,468	42,647	9,569[1]	10,342[1]	11,121[4]	3,821[1]	4,864[1]		3,443[1]	4,511[1]	
Colorado	3,624	2,776	4,888	749[1]	1,368[1]	1,589[4]	272[1]	544[1]		237[1]	494[1]	
Connecticut	6,280	5,465	5,387	661	620	709	369	385		323	362	
Delaware	995	979	1,464	157	134	329	110	3		106	1	
Dist. of C.	417	337	617	93	116	89	39	73		39	71	
Florida	15,226	17,619	18,988	2,942	2,871	7,431	1,034	1,399		913	1,240	
Georgia	7,589	9,948	9,383	1,106[1]	1,569[1]	3,869[4]	625[1]	901[1]		568	857[1]	
Hawaii	630	1,519	1,460		77[4,6]	294		58[6]			41[6]	
Idaho	751	787	1,074	91	170	384	53	132		46	130	
Illinois	18,102	20,079	22,598	2,157	2,794	4,429	870	1,358		773	1,273	
Indiana	3,781	4,187	4,593	719	1,312	NA	546	923		514	747	
Iowa	3,292	3,233	3,507	340[1]	532[1]	682	187[1]	321[1]		163[1]	291[1]	
Kansas	1,969	2,470	2,171	362[2]	397[1]	540	136[2]	258[1]		167[2]	246[1]	
Kentucky	5,858	5,055	10,116	948	495[5]	1,400	494	303[5]		423	232[5]	
Louisiana	4,364	4,564	5,227	694	920	452[4]	172	262		171	255	
Maine	1,308	662	2,626	279	244	389	180	178		158	170	
Maryland		5,569	5,467	826[1]	96[6]	733	448[1]	46[6]		274[1]	37[6]	
Massachusetts		7,808	8,497		1,426	1,484		932			851	
Michigan	9,879	11,650	11,821	1,972	2,671	2,623	860	1,013		797	956	
Minnesota	8,412	9,069	17,597	2,071	2,983	3,228	2,329	2,417		2,035	2,111	
Mississippi	4,295	12,009	6,209	456	326	699	267	217	396	252	212	378
Missouri		6,146	2,480	1,379	1,291	512	840	732		724	686	
Montana	1,445	1,428	1,276	1,181	243	432	708	153		638	138	
Nebraska	1,493	1,904	1,937	330	344	1,043	183	188		161	182	
Nevada	685	739	1,762	46	215	729	0	106		0	99	
New Hampshire	795	1,211	1,230	132[1]	225[1]	377	125[1]	144[1]		107[1]	141[1]	
New Jersey	7,691	8,797	11,009	1,980	1,626	2,133	1,197	1,050		1,119	1,015	
New Mexico	1,361	1,862	1,984	415	1,009	1,887	156	757		96	701	
New York	21,579	33,870	35,305	7,416	7,438	NA	2,937	3,633		2,572	3,339	
N. Carolina	11,069	13,694	15,432	787[3]	NA	4,073	343[3]	NA		329[3]	NA	
N. Dakota	1,280	2,180	1,736	205[1]	280[1]	308	154[1]	183[1]		149[1]	178[1]	
Ohio	10,405	11,372	12,278	1,447		1,409	829		736	678		707
Oklahoma	4,334	5,028	5,812	1,872	NA	1,487	820	NA		781	NA	
Oregon	3,420	3,531	3,778	464	330[3]	626	293	145[3]		283	109[3]	
Pennsylvania	15,075	14,138	15,770	2,279[3,4]	4,019[4]	6,103[4]	1,205[3,4]	2,300		1,030[3,4]	2,554	
Rhode Island	700	693	1,079	121	125	612	64	62		50	60	
S. Carolina	1,879	4,145	3,812	585	823[1]	997	355	270[1]		333	265[1]	
S. Dakota	614	841	1,644	232	203	348	148	163		134	153	
Tennessee	8,504	9,461	9,284	1,926	2,675	1,918	1,234	1,980		1,175	1,815	
Texas	13,646	12,406	18,127	2,873	3,689	3,761	1,900	2,408		1,862	2,339	
Utah	3,252	2,620	2,816	485[1]	148[7]	814	117[1]	117[7]		100[1]	113[7]	
Vermont	701	932	474	123	178	118[1]	54	88	68[1]	50	76	61[1]
Virginia	7,440	8,805	8,653	1,061	1,100	1,445	613	609		562	544	
Washington	7,314	5,750	6,011	503[1]	771[1]	1,833	241[1]	407[1]		225[1]	66[1]	
W. Virginia	3,123	2,691	2,555	572[1]	500[1]	NA	308[1]	329[1]		281[1]	291[1]	
Wisconsin		13,670	10,294		1,477[1]	516[3,4]		742[1]		319[1]	682[1]	
Wyoming	208	207	238		101	102		69			64	
Puerto Rico	2,474	3,686	6,055		1,701[4]	1,468		239			159	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare. Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
12,911	15,425	68,284	2236.32	2272.25	566.44	443.92	416.47	117.80	225.47	229.80	3.39	202.43	209.46	3.22
		2,535			31.83			8.09						
2,850		1,330	79.58		422.03	9.72		63.98	5.16			5.15		
830	625	950	228.07	302.40	222.74	35.30	47.04	38.53	22.29	30.40		20.24	29.44	
	6,901*			600.89			149.86			70.48			65.37	
	4,000	3,140		440.47	604.71		71.78	236.66		34.98			31.00	
		8,625			108.79			44.86						
0	735*		0	206.67		--	10.48		--	7.89		--	5.58	
		12,849*			175.87			34.47						
		217			1616.13			314.28						
785		572	250.83		379.55	46.11		94.40	23.69			21.27		
		1,612			627.54			86.85						
		371			1408.89			121.83						
189		363	--		1506.06	437.04		201.93	237.04			144.97		
		2,761			307.75			5.36						
900		600	1097.67		1970.17	219.11		437.17	95.55			88.55		
		3.003			585.98			107.49						
3,100*	1,420		--	432.82		44.48	90.92		27.09	51.55		23.35	48.31	
		1,657			116.89			62.94						
		395			446.08			184.56						
		12,308			286.85			--						
		1,859			830.12			219.09						
		7,269			168.91			19.38			10.13			9.73
1,178	1,744	1,948	367.91	288.30	298.36	158.91	NA	76.33	69.61	NA		66.29	NA	
		345			1095.07			181.45						
		95			1730.53			366.32						
3,079		1,240	276.19		748.71	62.55		154.68	40.08			38.16		
		2,170			835.34			173.32						
		70			677.14			168.57			97.14			87.14

Table 100 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work and Placements in Metals Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	260,333	291,443	318,559	53,292	59,242	74,415	30,160	37,135	3,960	28,007	34,263	3,819
Alabama	4,196	4,939	5,630	1,045	1,298	1,583	782	1,001	1,248	738	971	1,214
Alaska	151	563	547	77	220	98	49	126		48	123	
Arizona	1,584	1,160	3,289	505	652	551	383	366		359	359	
Arkansas	3,047	2,805	3,412	538	484	499	358	349		345	342	
California	39,224	29,676	37,693	10,158[1]	10,348[1]	9,991[4]	4,205[1]	4,923[1]		3,822[1]	4,556[1]	
Colorado	3,146	3,638	3,780	592[1]	1,415[1]	1,749[4]	210[1]	702[1]		194[1]	662[1]	
Connecticut	6,068	4,462	4,784	444	575	538	275	422		261	392	
Delaware	550	1,133	2,063	94	205	182	54	7		50	NA	
Dist. of C.	179	128	230	67	49	7	43	34		43	34	
Florida	7,600	6,829	8,199	2,075	1,402	3,821	605	564		573	518	
Georgia	4,416	6,089	6,712	830[1]	967[1]	2,802[4]	479[1]	566[1]		430[1]	526[1]	
Hawaii	637	770	1,364		61[4,6]	134		46[6]			25[6]	
Idaho	1,129	1,029	1,494	40	100	155	22	79		22	77	
Illinois	25,029	28,635	31,005	3,168	4,327	6,991	1,699	2,789		1,541	2,655	
Indiana	7,441	8,057	8,632	599	2,590	NA	451	1,985		388	1,772	
Iowa	4,378	5,079	5,750	374[1]	732[1]	879	277[1]	504[1]		262[1]	485[1]	
Kansas	2,766	2,777	2,837	363[2]	420[1]	1,264	213[2]	329[1]		207[2]	315[1]	
Kentucky	6,729	6,650	6,519	1,372	459[5]	1,656	814	336[5]		829	241[5]	
Louisiana	6,124	6,637	7,413	1,709	2,028	1,065[4]	512	700		508	667	
Maine	874	414	2,101	147	200	297	99	119		87	114	
Maryland		2,878	3,372	212[1]	NA	494	84[1]	NA		53[1]	NA	
Massachusetts		7,490	7,407		1,031	1,315		796			730	
Michigan	14,774	16,195	6,843	3,353	1,506	1,310	1,973	503		1,812	466	
Minnesota	6,931	7,476	8,834	2,251	2,354	2,385	1,492	1,873		1,489	1,559	
Mississippi	9,549	5,101	12,299	1,072	1,120	1,228	826	707	860	802	590	797
Missouri		5,275	119	772	1,211	25	521	755		471	717	
Montana	985	919	2,533	316	329	1,006	80	171		69	145	
Nebraska	1,337	1,730	1,937	423	277	736	197	176		115	149	
Nevada	375	411	318	47	97	133	10	31		10	27	
New Hampshire	719	904	1,142	165[1]	223[1]	323	92[1]	132[1]		69[1]	128[1]	
New Jersey	7,799	6,291	7,090	1,086	722	603	823	569		795	546	
New Mexico	782	1,257	1,357	208	470	1,268	88	348		67	316	
New York	10,128	12,794	12,285	4,033	3,611	~~NA~~	2,504	2,487		2,334	2,320	
N. Carolina	7,431	8,957	7,624	393[3]	NA	2,155	246[3]	NA		237[3]	NA	
N. Dakota	415	473	676	192[1]	186	57	110	126[1]		102	117[1]	
Ohio	16,293	14,216	15,206	1,768		2,302	1,251		1,774	1,133		1,738
Oklahoma	2,585	3,682	4,537	1,129	NA	2,481	583	NA		567	NA	
Oregon	2,217	3,047	3,152	353	444[3]	763	190	196[3]		127	147[3]	
Pennsylvania	13,483	13,269	13,307	1,988[3]	4,221[4]	5,309[4]	1,360[3]	3,468		1,186[3]	3,267	
Rhode Island	837	754	437	53	71	285	29	50		27	48	
S. Carolina	1,314	3,047	5,084	605	643[1]	1,012	386	272[1]		362	267[1]	
S. Dakota	494	535	686	384	114	193	289	67		281	62	
Tennessee	6,933	7,674	10,690	1,973	3,219	4,206	1,383	2,386		1,308	2,055	
Texas	9,222	9,499	10,335	2,228	3,794	4,520	1,655	2,814		1,594	2,744	
Utah	3,042	3,458	2,178	402[1]	191[7]	767	76[1]	158[7]		65[1]	155[7]	
Vermont	370	556	467	145	192	89[1]	80	124	78[1]	75	116	70[1]
Virginia	4,391	6,327	4,685	696	703	807	583	477		579	397	
Washington	8,037	7,027	8,151	804[1]	821[1]	2,541	388[1]	670[1]		377[1]	662[1]	
W. Virginia	3,600	3,713	3,593	773[1]	708[1]	NA	585[1]	511[1]		509[1]	459[1]	
Wisconsin		13,828	17,353	1,271[1]	1,883[1]	1,211[1,4]	746[1]	1,226[1]		685[1]	1,176[1]	
Wyoming	217	217	260		59	43		25			20	
Puerto Rico	805	973	1,148		510[1,4]	586		70			44	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
26,977	11,437	95,741	965.02	2548.25	332.73	197.55	517.99	77.72	111.79	324.69	4.14	103.82	299.58	3.99
2,200 550	900 5,966*	203 1,020 2,165	72.00 554.00	311.67 497.42	269.46 322.45 157.59	52.73 510.00	53.78 173.45	48.28 54.02 23.05	17.41 65.09	38.78 82.52		16.32 62.73	38.00 76.37	
0	800 325	2,700 8,525* 10,840*	0	853.63 236.92	303.67 78.73 286.02	--	175.25 18.77	141.52 32.87 64.49	--	70.50 14.15		--	64.75 7.69	
175		1,068 483 1,876 839	1,580.57		538.39 587.37 347.49	1,586.86		82.30 261.59 88.27 126.34	121.71			118.29		
706 12,900		626 1,068 1,800 1,885*	-- 114.53		538.66 693.54 380.17 468.65	407.65 125.54		78.91 123.13 72.78 126.52	11.89 15.29			7.51 14.05		
5,800	1,770	4,662 85	--	298.02	41.55 374.12	90.95	68.42	15.79 156.47	8.98	42.66		8.12	40.51	
		3,773 3,609			325.60 211.25			— 59.71						
1,537	1,676	39,285 1,705 1,093	168.18	219.69	38.71 266.09 288.38	239.56	NA	5.86 145.51 69.81	37.93	NA	4.52	36.89	NA	4.42
3,109		18 1,693 4,680	222.99		3,811.11 631.42 220.83	246.83		1,072.22 248.43 96.58	44.48			42.07		
		40			1,167.50			222.50			195.00			175.00

Table 101 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work and Placements in Child Care Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	54,329	85,135	83,224	13,663	17,181	28,504	5,405	8,201	556	4,386	5,791	432
Alabama	475	625	945	229	225	403	65	74	138	30	41	72
Alaska	12	42	120	13	42	12	8	27		8	25	
Arizona	381	613	1,733	85	374	479	32	173		25	114	
Arkansas	97	92	80	52	50	40	14	13		6	4	
California	14,062	17,937	18,945	3,715[1]	4,400[1]	5,573[4]	1,310[1]	2,048[1]		1,141[1]	843[1]	
Colorado	214	688	922	77[1]	188[1]	503[4]	29[1]	78[1]		26[1]	70[1]	
Connecticut	117	152	315	32	49	99	22	28		16	18	
Delaware	149	17	418	63	22	151	22	0		17	0	
Dist. of C.	151	162	316	26	42	64	19	27		11	26	
Florida	1,785	2,789	5,821	780	1,203	1,917	188	488		147	385	
Georgia	1,465	5,529	4,151	229[1]	446[1]	2,385[4]	108[1]	202[1]		79[1]	169[1]	
Hawaii	11	45	24		0[6]	7		0[6]			0[6]	
Idaho	21	16	10	15	23	10	7	16		3	16	
Illinois	10,890	21,388	12,270	2,165	2,469	3,786	778	1,354		642	1,116	
Indiana	71	29	180	39	56	NA	24	27		15	26	
Iowa	136	404	716	10[1]	37[1]	648	5[1]	23[1]		4[1]	21[1]	
Kansas	82	220	241	48[2]	75[1]	114	31[2]	52[1]		18[2]	44[1]	
Kentucky	801	1,038	1,092	75	16[5]	235	37	10[5]		14	8[5]	
Louisiana	71	268	408	0	85	89[4]	0	36		0	30	
Maine	155	81	273	51	74	133	29	32		18	27	
Maryland		320	1,121	427[1]	0[6]	525	94[1]	0[6]		45[1]	0[6]	
Massachusetts		1,609	1,840		438	595		212			174	
Michigan	467	1,304	1,775	580	964	566	138	367		90	299	
Minnesota	2,281	2,461	1,393	216	220	785	134	137		119	121	
Mississippi	640	819	316	133	215	114	70	114	50	52	74	32
Missouri		910	669	183	439	75	76	114		61	105	
Montana	0	0	34	0	0	12	0	0		0	0	
Nebraska	15	52	247	0	11	68	0	5		0	4	
Nevada	24	80	118	0	126	52	0	16		0	15	
New Hampshire	0	52	100	0	0[1]	51	0	0[1]		0	0[1]	
New Jersey	405	536	488	172	196	191	82	129		56	109	
New Mexico	0	50	455	0	0	230	0	0		0	0	
New York	4,285	3,040	4,717	819	1,265	NA	321	511		253	410	
N. Carolina	2,056	3,258	4,419	103[3]	NA	1,163	36[3]	NA		32[3]	NA	
N. Dakota	2	61	46	2[1]	23[1]	29	2[1]	7[1]		2[1]	7[1]	
Ohio	1,054	1,350	1,613	804		593	516		316	468		280
Oklahoma	244	296	464	110	NA	174	60	NA		55	NA	
Oregon	418	1,141	1,095	17	163[3]	263	9	29[3]		8	15[3]	
Pennsylvania	683	9,054	1,236	338[3]	370[4]	398[4]	190[3]	206		138[3]	150	
Rhode Island	0	0	0	0	22	0	0	19		0	18	
S. Carolina	550	402	388	463	217[1]	225	225	135[1]		177	88[1]	
S. Dakota	26	17	47	23	6	11	9	3		8	3	
Tennessee	6,933	754	783	124	256	382	61	121		73	91	
Texas	861	1,386	2,239	614	768	1,180	249	357		210	290	
Utah	358	552	1,043	188[1]	1[7]	188	19[1]	1[7]		13[1]	1[7]	
Vermont	120	222	273	75	122	74[1]	28	51	52[1]	12	37	48[1]
Virginia	257	433	547	240	369	224	234	345		187	284	
Washington	1,401	2,151	5,517	168[1]	824[1]	3,428	41[1]	440[1]		37[1]	378[1]	
W. Virginia	34	48	95	19[1]	18[1]	NA	13[1]	2[1]		8[1]	0[1]	
Wisconsin		421	891	141[1]	233[1]	53[1,4]	70[1]	163[1]		62[1]	134[1]	
Wyoming	0	0	0		0	0		0			0	
Puerto Rico	69	221	275		39[4]	207		9			1	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
2,353	802	9,305	2808.92	10615.34	894.40	580.66	2142.27	306.33	229.71	1022.57	5.98	186.40	122.07	4.64
0* 200	255 0	340 245 260	0 48.50	40.89	35.29 707.35 30.77	0 20.00	19.61 0	3.53 195.51 15.38	0 7.00	5.10 0		0 3.00	1.57 0	
	0	0		--	0		0	0		0			0	
0*	NA	600 0*	0	--	691.83 0	0	NA	397.50 0	0	NA		0	NA	
100		0 286 104 0	82.00		0 84.27 1050.00 0	48.00		0 39.86 225.96 0	31.00			18.00		
0 0		0 2,794 0 3,781	-- 0		0 65.85 0 36.84	0 0		21.29 0 20.76	0 0			0 0		
1,600	300		--	303.33		11.44	146.33		4.75	38.00		3.81	35.00	
		79 15			312.66 786.67			86.08 346.67						
		0 0			0 0			-- 0						
0	247	264 265 0	0	119.84	610.98 175.09 0	0	NA	224.62 65.66 0	0	NA	119.69	0	NA	106.06
433		194 78 0	1530.46		200.00 1003.85 0	27.37		5.67 489.74 0	13.47			16.11		
		0			0			0			0			0

Table 102 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Clothing Group for 1970-71, 1971-72 and 1972-73.

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	90,543	130,775	135,021	19,989	27,726	45,040	10,940	13,523	1,613	9,532	11,157	1,330
Alabama	2,364	2,594	2,315	1,026	717	850	681	430	474	633	378	395
Alaska	51	1	181	51	1	7	32	1		36	1	
Arizona	381	1,502	2,549	302	1,221	1,137	189	1,021		166	724	
Arkansas	599	348	468	39	62	62	28	27		24	22	
California	14,062	10,157	7,010	2,177[1]	2,670[1]	2,380[4]	1,027[1]	1,450[1]		951[1]	1,250[1]	
Colorado	113	462	3,780	43[1]	278[1]	3,062[4]	26[1]	143[1]		23[1]	129[1]	
Connecticut	227	219	230	51	63	68	36	48		26	33	
Delaware	181	344	291	223	70	69	65	2		56	2	
Dist. of C.	491	121	237	44	87	28	29	59		27	59	
Florida	3,550	9,387	13,486	2,181	2,274	6,183	796	927		712	793	
Georgia	1,954	5,144	5,922	371[1]	597[1]	2,858[4]	283[1]	419[1]		256[1]	374[1]	
Hawaii	141	195	184		20[4,6]	43		12[6]			7[6]	
Idaho	12	52	16	1	30	0	1	27		1	18	
Illinois	7,244	13,419	8,898	1,139	1,602	1,451	417	563		331	646	
Indiana	2,632	2,068	776	44	57	NA	22	27		16	27	
Iowa	313	124	933	11[1]	32[1]	66	11[1]	23[1]		11[1]	23[1]	
Kansas	237	690	497	117[2]	112[1]	196	55[2]	72[1]		41[2]	56[1]	
Kentucky	407	186	510	118	71[5]	317	56	51[5]		40	45[5]	
Louisiana	669	755	1,182	221	386	355[4]	224	194		213	192	
Maine	195	39	235	27	39	97	17	25		17	23	
Maryland		1,842	1,361	72[1]	0[6]	152	53[1]	0[6]		29[1]	0[6]	
Massachusetts		1,017	3,110		240	600		148			119	
Michigan	1,910	4,897	1,780	346	323	269	145	129		100	103	
Minnesota	2,210	2,355	1,156	558	589	795	439	462		362	382	
Mississippi	1,851	2,323	2,261	929	1,272	1,442	784	1,043	947	709	853	770
Missouri		648	578	134	411	83	63	225		48	188	
Montana	143	79	78	118	16	28	49	1		44	1	
Nebraska	42	92	61	41	49	22	11	17		9	6	
Nevada	106	82	215	11	29	106	0	19		0	13	
New Hampshire	0	0	0	0[1]	0[1]	--	0[1]	0[1]		0[1]	0[1]	
New Jersey	4,361	4,629	3,407	2,324	2,314	1,308	1,239	1,254		1,000	1,119	
New Mexico	8	130	278	1	88	149	1	71		1	64	
New York	6,246	8,253	17,621	1,657	2,308	NA	867	830		717	706	
N. Carolina	14,637	19,031	25,913	1,100[3]	NA	7,814	803[3]	NA		777[3]	NA	
N. Dakota	7	4	0	2[1]	0[1]	0	2[1]	0[1]		2[1]	0[1]	
Ohio	1,030	865	3,286	363		312	246		157	205		141
Oklahoma	1,033	1,857	2,049	617	NA	1,102	283	NA		268	NA	
Oregon	67	413	142	8	14[3]	50	5	3[3]		4	2[3]	
Pennsylvania	4,977	15,859	4,640	608[3]	962[4]	1,954[4]	350[3]	557		268[3]	309	
Rhode Island	66	47	4	22	6	4	13	6		11	6	
S. Carolina	996	1,982	2,809	479	640[1]	969	336	424[1]		301	374[1]	
S. Dakota	321	220	249	0	6	0	0	0		0	0	
Tennessee	552	1,070	1,541	612	874	956	369	636		321	458	
Texas	1,179	1,520	2,688	452	687	949	296	416		282	379	
Utah	766	1,311	1,058	320[1]	289[7]	429	55	148[7]		45	134[7]	
Vermont	57	68	89	7	45	50[1]	4	14	35[1]	4	12	24[1]
Virginia	1,890	1,788	1,502	374	299	524	237	209		208	184	
Washington	2,560	2,638	1,223	426[1]	1,266[1]	728	182[1]	640[1]		140[1]	558[1]	
W. Virginia	368	263	638	165[1]	85[1]	NA	79[1]	33[1]		60[1]	18[1]	
Wisconsin		495	785	57[1]	88[1]	14[1,4]	34[1]	47[1]		29[1]	35[1]	
Wyoming	0	0	123		0	74		0			0	
Puerto Rico	7,337	7,190	6,676		4,437[4]	4,928		670			332	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
23,956	10,743	45,512	377.96	1217.30	296.67	83.44	258.08	98.96	45.67	125.88	3.54	39.79	103.85	2.92
1,415 540	785 3,827*	245 3,207 745	26.93 110.93	44.30 281.08	73.88 79.48 62.82	21.34 7.22	7.90 69.77	2.86 35.45 8.32	13.36 5.18	3.44 37.89		11.73 4.44	2.80 32.66	
	2,600	2,500		361.04	539.44		87.46	247.32		35.65			30.50	
3,200	NA	3,151 567	4.41	--	124.47 1569.31	--	NA	90.70 255.91	--	NA		--	NA	
700		0 443 2,576 752	33.86		112.19 19.79 157.18	16.71		44.24 12.31 47.21	7.86			5.86		
185 0		470 323 0 1,738	-- 0		289.57 962.85 0 66.51	38.92 0		32.34 185.76 45.74	28.65 0			15.67 0		
12,455	1,888	136 287	--	34.32	44.85 74.91	1.08	21.77	16.18 36.93	.51	11.92		.38	9.96	
		2,805 13,204			628.19 196.25			-- 59.18						
0	1,643	5,032 626 0	0	113.02	65.30 327.32 0	0	NA	6.20 176.04 0	0	NA	3.12	0	NA	2.80
5,461		166 3,299 3,240	10.11		150.00 46.71 82.96	11.21		0 28.98 29.29	6.76			5.88		
		0			0			0			0			0

Table 103 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Drafting Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972* FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	139,759	139,866	152,415	28,070	25,807	37,164	11,600	12,096	1,170	10,499	11,166	1,102
Alabama	1,579	2,013	2,060	353	607	532	188	390	367	181	371	340
Alaska	108	213	418	55	69	115	19	5		21	5	
Arizona	912	411	3,581	81	180	408	54	82		54	72	
Arkansas	857	777	1,072	175	141	179	111	87		107	83	
~~California~~	26,995	17,979	19,703	6,236[1]	4,618[1]	4,767[4]	1,903[1]	1,751[1]		1,665[1]	1,595[1]	
Colorado	947	1,123	700	300[1]	404[1]	306[4]	165[1]	206[1]		152[1]	192[1]	
Connecticut	992	613	745	252	179	145	134	99		119	96	
Delaware	278	935	763	121	141	124	29	4		26	NA	
Dist. of C.	217	217	317	25	68	26	9	38		9	37	
Florida	3,076	3,958	4,357	1,015	877	6,183	395	330		361	294	
Georgia	2,122	2,236	3,221	298[1]	418[1]	876[4]	143[1]	194[1]		121[1]	178[1]	
Hawaii	101	386	361		38[4,6]	81		27[6]			23[6]	
Idaho	42	162	88	9	49	35	5	35		5	35	
Illinois	37,484	33,941	41,731	2,777	3,580	5,083	1,013	1,447		902	1,363	
Indiana	2,660	2,304	2,471	599	919	NA	365	677		334	645	
Iowa	905	1,346	759	131[1]	252[1]	255	63[1]	155[1]		59[1]	149[1]	
Kansas	1,050	876	689	94[2]	279[1]	217	54[2]	196[1]		51[2]	187[1]	
Kentucky	2,406	2,212	2,420	130	131[5]	633	73	59[5]		72	44[5]	
Louisiana	1,743	1,718	1,783	453	418	267[4]	123	160		123	152	
Maine	357	342	678	93	153	132	47	72		47	61	
Maryland		1,967	2,389	264[1]	35[6]	324	126[1]	7[6]		86[1]	7[6]	
Massachusetts		2,789	2,578		463	506		234			~~195~~	
Michigan	5,264	5,435	4,155	1,339	1,571	995	523	581		457	541	
Minnesota	1,224	1,315	539	411	429	364	337	351		291	304	
Mississippi	1,376	1,371	1,806	195	118	278	99	43	138	93	39	132
Missouri		2,083	818	637	651	132	296	260		280	245	
Montana	920	801	1,025	641	263	373	172	85		112	76	
Nebraska	751	941	1,155	207	235	270	101	98		82	83	
Nevada	353	242	191	57	67	110	19	24		19	24	
New Hampshire	430	486	545	48[1]	111[1]	247	36[1]	54[1]		38[1]	52[1]	
New Jersey	3,162	2,336	1,549	1,067	517	277	643	317		599	304	
New Mexico	271	353	553	18	158	520	7	146		5	134	
New York	4,332	8,584	7,015	3,051	1,821	NA	1,097	761		996	681	
N. Carolina	9,772	9,333	9,919	1,372[3]	NA	3,043	394[3]	NA		373[3]	NA	
N. Dakota	377	360	372	146[1]	184[1]	110	102[1]	128[1]		100[1]	126[1]	
Ohio	3,212	3,129	3,309	22		931	15		593	14		563
Oklahoma	877	1,051	1,191	808	NA	419	310	NA		268	NA	
Oregon	1,357	1,535	1,537	146	62[3]	227	131	27[3]		123	20[3]	
Pennsylvania	5,441	2,912	2,437	470[3]	845[4]	883[4]	214[3]	597		181[3]	565	
Rhode Island	446	428	313	60	53	139	23	27		21	26	
S. Carolina	693	933	985	213	178[1]	185	87	51[1]		79	48[1]	
S. Dakota	158	60	74	76	4	25	64	2		52	2	
Tennessee	2,133	2,149	2,872	555	526	1,258	290	251		265	219	
Texas	4,331	3,958	4,179	1,149	1,714	1,773	836	1,121		805	1,087	
Utah	2,277	1,683	1,620	440[1]	84[7]	509	85[1]	26[7]		69[1]	25[7]	
Vermont	284	317	250	105	128	127[1]	64	37	72[1]	60	31	67[1]
Virginia	1,972	2,619	2,945	444	649	845	248	302		220	258	
Washington	1,425	846	1,473	143[1]	153[1]	910	76[1]	83[1]		74[1]	73[1]	
W. Virginia	1,059	1,015	695	148[1]	147[1]	NA	73[1]	96[1]		64[1]	88[1]	
Wisconsin		3,853	4,747	641[1]	531[1]	447[1,4]	239[1]	266[1]		214[1]	248[1]	
Wyoming	125	138	133		43	31		28			26	
Puerto Rico	906	1,082	1,129		546[4]	542		79			57	

*Partial Data

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[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
3,557	2,941	16,070	3929.13	4755.73	948.44	789.15	877.53	231.26	326.12	411.29	7.28	295.16	379.67	6.86
900 260	400 1,428*	114 246 400	101.33 329.62	194.25 1259.03	366.67 1435.69 268.00	9.00 67.31	35.25 323.39	100.88 165.85 44.75	6.00 2.69	21.75 122.62		6.00 41.15	20.75 111.70	
	500	500		791.60	871.40		175.40	1236.60		66.00			58.80	
0	125	611*	0	308.80	527.17	0	30.40	143.37	0	21.60		0	18.40	
		5,783*			721.61			87.89						
60		170 79 186 155	1750.00		446.47 872.15 1301.07 1150.32	156.67		150.00 274.68 340.32 172.26	90.00			85.00		
146 200		196 158 200 0	-- 2632.00		1218.88 1631.65 2077.50 0	180.82 669.50		165.31 320.25 497.50 0	86.30 261.50			58.90 228.50		
1,650	280*		--	743.93		38.61	232.50		17.76	92.86		16.97	87.50	
		283 65			408.13 298.85			95.41 169.23						
		1,332 253			526.65 3920.55			-- 1202.77						
120	208	3,838 230 0	730.83	505.29	86.22 517.83 0	18.33	NA	24.26 182.17 0	258.33	NA	15.45	223.33	NA	14.67
221		0 281 990	965.16		0 1022.06 422.12	251.13		0 447.69 179.09	131.22			119.91		
	0			0			0			0			0	

Table 104 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Graphics Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	63,045	69,474	71,384	13,615	14,865	16,563	6,715	7,948	696	5,889	7,159	640
Alabama	533	642	941	115	161	234	68	90	144	64	83	133
Alaska	51	0	40	0	0	10	0	0		0	0	
Arizona	377	310	653	135	155	123	48	99		27	82	
Arkansas	252	160	164	137	77	65	82	56		79	49	
California	11,376	13,668	13,444	2,982[1]	3,508[1]	3,509[4]	1,099[1]	1,343[1]		986[1]	1,202[1]	
Colorado	319	634	508	188[1]	223[1]	0[4]	63[1]	80[1]		53[1]	69[1]	
Connecticut	586	663	561	68	97	100	49	81		48	66	
Delaware	68	425	135	16	58	62	~~10~~	2		9	NA	
Dist. of C.	348	385	333	61	32	47	28	15		26	15	
Florida	1,158	1,428	1,545	289	406	738	122	166		105	138	
Georgia	650	698	863	167[1]	192[1]	283[4]	95[1]	87[1]		89[1]	76[1]	
Hawaii	113	96	79		0[6]	26		0[6]			0[6]	
Idaho	110	64	72	7	9	14	5	4		5	4	
Illinois	19,812	9,537	10,932	767	1,463	1,756	423	767		366	705	
Indiana	1,004	907	900	0	291	NA	0	197		0	176	
Iowa	519	522	528	140[1]	162[1]	168	94[1]	114[1]		88[1]	103[1]	
Kansas	606	830	910	140[2]	195[1]	356	75[2]	135[1]		67[2]	128[1]	
Kentucky	632	568	635	109	0[5]	216	51	0[5]		41	0[5]	
Louisiana	137	209	246	16	386	69[4]	4	194		4	192	
Maine	139	157	250	15	69	93	4	47		3	39	
Maryland		1,600	1,620	222	11[6]	413	125	4[6]		88	3[6]	
Massachusetts		2,300	1,987		373	413		256			235	
Michigan	2,502	3,056	3,150	1,388	1,004	759	387	538		338	480	
Minnesota	929	996	539	395	412	472	340	356		270	284	
Mississippi	239	225	273	56	64	61	36	36	32	36	31	26
Missouri		1,532	615	230	322	75	123	151		97	127	
Montana	54	0	158	0	0	56	0	0		0	0	
Nebraska	159	170	222	40	64	288	25	29		11	29	
Nevada	50	91	106	7	25[1]	59	0	6[1]		0	6[1]	
New Hampshire	64	162	342	16	20[1]	60	11	16[1]		10	16[1]	
New Jersey	1,238	3,099	1,453	341	459	306	227	309		196	295	
New Mexico	111	429	383	28	50	348	10	39		5	31	
New York	7,755	7,914	8,192	2,063	1,329	NA	973	620		835	584	
N. Carolina	1,087	2,286	2,413	346[3]	NA	751	183[3]	NA		157[3]	NA	
N. Dakota	112	156	133	66[1]	54[1]	37	40[1]	39[1]		39[1]	36[1]	
Ohio	1,537	1,738	2,154	376		739	245		492	217		458
Oklahoma	661	624	753	226	NA	264	124	NA		113	NA	
Oregon	255	428	508	40	82[3]	154	39	36[3]		38	27[3]	
Pennsylvania	2,408	2,715	2,745	639[3]	801[4]	912[4]	418[3]	648		356[3]	582	
Rhode Island	174	217	113	27	37	85	12	14		12	13	
S. Carolina	146	278	490	50	88[1]	100	24	57[1]		24	51[1]	
S. Dakota	58	53	84	23	44	34	17	19		16	17	
Tennessee	410	421	538	208	180	244	123	156		114	147	
Texas	1,600	1,639	2,151	685	840	851	539	562		534	536	
Utah	490	578	498	51[1]	0[7]	150	13[1]	0[7]		11[1]	0[7]	
Vermont	43	82	88	39	0	35[1]	25	0	28[1]	21	0	23[1]
Virginia	763	855	815	160	144	164	100	91		95	74	
Washington	940	715	745	189[1]	240[1]	330	42[1]	105[1]		39[1]	94[1]	
W. Virginia	186	187	261	63[1]	28[1]	NA	47[1]	19[1]		34[1]	14[1]	
Wisconsin		2,751	3,850	289[1]	536[1]	455[1,4]	147[1]	306[1]		123[1]	273[1]	
Wyoming	10	10	0		36	0		29			26	
Puerto Rico	284	264	266		138[4]	79		30			21	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
11,245	2,629	6,571	560.65	2642.60	1086.35	121.08	565.42	252.06	59.71	302.32	10.59	52.37	274.59	9.74
195 220	340 1,113	0 120 340	193.33 114.55	47.06 1228.03	0 544.17 48.23	69.23 62.27	22.65 315.18	0 102.50 19.12	24.61 37.27	16.47 120.67		13.85 35.91	14.41 108.00	
	200	300		714.00	515.00		203.00	246.00		83.00			69.00	
8,150	20	311	1.39	480.00	277.49	--	0	90.99	--	0		--	0	
		718			1522.56			244.57						
70		82 118 225 133	865.71		643.90 771.19 282.22 184.96	200.00		204.88 301.69 96.00 51.88	107.14			95.71		
115 0		51 156 0 202	-- 0		3176.47 1273.72 0 266.83	193.04 0		809.80 264.74 0 233.66	108.69 0			76.52		
1,500	690	705 0	--	222.03	31.49 0	15.33	46.67	40.85	8.20	21.88		6.47	18.41	
		477 184			1717.40 1311.41			NA 408.15						
117	236	1,427 260 293	564.96	264.41	150.95 289.62 173.38	193.16	NA	51.79 101.54 52.56	105.98	NA	34.48	96.58	NA	32.09
878		42 107 320	46.69		200.00 502.80 672.19	23.69		228.04	170.00 14.01 34.60			12.98		
	30			273.33			0			0			0	

Table 105 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Service Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	435,938	525,702	637,995	78,427	71,299	142,045	41,649	41,022	2,038	36,675	37,412	1,890
Alabama	6,611	8,360	11,932	1,051	1,191	1,011	729	860	749	657	779	671
Alaska	1,446	3,084	4,404	1,394	0	112	1,302	0		1,238	0	
Arizona	5,183	2,371	7,301	693	155	1,602	408	99		382	82	
Arkansas	2,528	3,481	1,621	244	77	299	149	56		147	49	
California	100,431	97,792	96,081	23,121[1]	17,324[1]	18,529[4]	9,274[1]	8,692[1]		8,582[1]	7,928[1]	
Colorado	2,206	2,937	3,635	342[1]	1,452[1]	905[4]	230[1]	933[1]		205[1]	867[1]	
Connecticut	4,389	4,518	4,325	327	406	473	177	253		155	240	
Delaware	962	1,203	1,012	960	58	270	525	2		489	NA	
Dist. of C.	555	507	477	194	167	105	154	117		151	117	
Florida	25,299	21,277	47,460	6,340	4,815	20,724	2,701	2,539		2,239	2,414	
Georgia	11,333	20,621	12,832	2,261[1]	1,934[1]	9,131[4]	1,369[1]	940[1]		1,272[1]	834[1]	
Hawaii	1,169	1,980	2,166		141[4,6]	167		75[6]			63[6]	
Idaho	786	712	584	74	50	137	41	41		39	41	
Illinois	17,709	22,671	31,501	8,841	4,513	8,596	4,930	2,951		3,468	2,820	
Indiana	1,235	1,997	2,586	206	378	NA	148	271		141	252	
Iowa	7,339	2,826	12,863	0[1]	189[1]	687	0[1]	111[1]		0[1]	103[1]	
Kansas	22,760	6,729	6,858	74[2]	427[1]	757	33[2]	335[1]		27[2]	284[1]	
Kentucky	7,120	7,246	2,149	411	228[5]	389	272	158[5]		250	114[5]	
Louisiana	4,351	5,380	5,121	328	344	414[4]	172	110		169	104	
Maine	1,136	130	742	210	33	136	75	25		6[illegible]	17	
Maryland		5,753	6,135	323	364[6]	729	270	63[6]		203	60[6]	
Massachusetts		7,158	7,658		1,215	1,412		682			641	
Michigan	31,612	37,934	40,210	2,599	2,581	5,128	842	1,048		744	978	
Minnesota	16,487	12,492	5,121	1,753	1,818	1,586	1,511	1,568		1,341	1,400	
Mississippi	1,414	1,666	3,110	251	168	213	170	122	159	166	115	150
Missouri		2,391	3,597	459	947	[illegible]	266	609		251	578	
Montana	851	993	328	572	94	185	324	74		286	63	
Nebraska	3,951	956	959	70	255	288	32	168		30	161	
Nevada	772	1,198	2,439	117	308	1,233	74	128		46	122	
New Hampshire	229	1,193	202	20[1]	20[1]	52	7[1]	9[1]		5[1]	7[1]	
New Jersey	6,211	6,432	8,272	1,939	2,570	2,882	1,410	2,048		1,336	1,988	
New Mexico	211	228	179	164	333	297	71	293		60	276	
New York	19,056	36,838	91,236	7,799	11,681	NA	4,076	5,876		3,324	5,139	
N. Carolina	39,565	54,558	50,036	887	NA	11,730	502[3]	NA		468[3]	NA	
N. Dakota	271	492	550	122[1]	54[1]	158	68[1]	39[1]		65[1]	36[1]	
Ohio	13,148	12,241	16,091	1,250		1,658	965		1,130	885		1,069
Oklahoma	2,780	1,922	1,976	960	NA	561	519	NA		495	NA	
Oregon	4,360	6,707	8,248	266	21[3]	1,193	231	7[3]		212	5[3]	
Pennsylvania	10,716	37,935	37,539	1,254[3]	2,793[4]	25,099[4]	770[3]	1,961		655[3]	1,724	
Rhode Island	126	180	300	10	52	91	7	34		6	32	
S. Carolina	4,092	1,429	1,672	596	476[1]	592	397	271[1]		331	243[1]	
S. Dakota	208	155	100	107	85	83	68	44		63	41	
Tennessee	410	4,604	4,911	2,700	956	1,193	1,363	610		1,214	561	
Texas	20,628	14,322	20,171	3,645	5,204	6,861	2,759	3,357		2,704	3,421	
Utah	1,833	4,013	2,352	309[1]	135[7]	702	109[1]	96[7]		117[1]	7[7]	
Vermont	3	102	86	17	0	0[1]	1	0	0[1]	1	0	0[1]
Virginia	10,209	11,219	14,141	1,490	1,952	2,879	1,103	1,346		1,022	1,154	
Washington	20,628	27,300	34,694	1,114[1]	1,542[1]	8,840	715[1]	1,063[1]		682[1]	952[1]	
W. Virginia	225	600	930	2[1]	23[1]	NA	2[1]	19[1]		2[1]	17[1]	
Wisconsin		15,167	17,070	561[1]	645[1]	42[1,4]	328[1]	400[1]		285[1]	357[1]	
Wyoming	197	206	234		433	130		194			180	
Puerto Rico	1,199	1,496	1,596		692[4]	931		75			46	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
105,503	36,942	234,221	413.19	1421.05	272.39	74.34	193.00	60.65	39.48	111.04	0.87	34.76	101.27	0.81
7,500* 5,531 --	3,163 14,887	2,095 2,808 4,000	69.11 45.71	109.98 657.12	210.21 260.01 40.53	9.24 4.41	2.43 116.41	5.35 57.05 7.47	5.44 2.69	1.77 58.41		5.09 2.65	1.55 53.27	
	5,900*	2,500		360.63	1890.40		81.61	828.96		43.88			40.92	
36,600*	2,855*	4,986*	3.19	69.33	257.36	--	4.94	183.13	--	2.63			2.21	
		69,312*			45.45			12.40						
970		1,143 4,267 2,460 8,680	2346.39		1125.37 160.72 87.36 58.99	7.63		60.10 17.74 15.81 4.77	3.40			2.78		
6,887 14,700		2,469 1,037 6,100 5,980*	-- 215.05		[illegible]48.48 738.48 1150.98 85.64	4.69 17.68		29.53 136.16 84.06 26.52	3.92 5.73			2.95 5.06		
23,550*	8,998		--	26.57		1.95	10.53		1.13	6.77		1.07	6.42	
		22,442 1,636			4.27 1[illegible]9.08			1.28 75.37						
		25,213 14,790			361.86 338.31			-- 79.31						
388	1,142	33,867 918 4,299	716.49	168.30	-- 215.25 191.86	247.42	NA	4.89 61.11 27.75	133.76	NA	3.34	127.58	NA	3.16
9,377		268 2,121 10,830	4.37		37.31 231.54 186.25	28.79		30.97 56.25 63.35	14.54			12.95		
	0			0			0			0			0	

Table 106 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placement in Forest Products Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	17,221	28,387	25,156	5,046	5,864	5,832	2,333	2,981	236	2,063	2,724	223
Alabama	1,276	1,043	1,123	262	217	186	147	131	112	124	124	104
Alaska	0	21	0	0	4	0	0	2		0	1	
Arizona	323	1,148	40	113	59	8	80	50		80	50	
Arkansas	1,016	885	917	144	219	158	85	44		81	35	
California	3,253	2,149	3,039	751[1]	908[1]	550[4]	209[1]	370[1]		184[1]	332[1]	
Colorado	0	0	0	0[1]	0[1]	0[4]	0[1]	0[1]		0[1]	0[1]	
Connecticut	204	108	94	21	19	21	9	9		9	8	
Delaware	0	0	33	0	0	0	0	0		0	0	
Dist. of C.	0	0	0	0	0	0	0	0		0	0	
Florida	330	790	698	193	165	188	34	75		34	70	
Georgia	1,205	1,323	1,262	472	1,934[1]	248[4]	207	940[1]		178	834[1]	
Hawaii	0	0	0		0[6]	0		0[6]			0[6]	
Idaho	44	707	38	16	19	16	19	19		18	19	
Illinois	123	41	182	9	64	65	6	49		6	48	
Indiana	159	283	118	8	132	NA	4	43		4	35	
Iowa	27	0	0	0[1]	0[1]	0	0[1]	0[1]		0[1]	0[1]	
Kansas	40	36	252	1[2]	6[1]	88	1[2]	4[1]		1[2]	4[1]	
Kentucky	95	128	92	47	0[5]	46	28	0[5]		19	0[5]	
Louisiana	333	188	253	110	85	67[4]	78	48		75	48	
Maine	175	94	308	44	0	103	31	0		28	0	
Maryland		65	41	4[1]	0[6]	15	1[1]	0[6]		0[1]	0[6]	
Massachusetts		135	144		53	67		38			38	
Michigan	795	742	770	215	190	270	84	127		72	118	
Minnesota	813	854	1,065	171	181	236	98	104		89	93	
Mississippi	140	184	301	14	20	38	7	12	28	7	12	27
Missouri		622	541	109	98	65	62	66		59	64	
Montana	93	271	332	50	64	332	28	36		26	32	
Nebraska	73	68	140	3	17	20	2	7		1	6	
Nevada	66	143	248	10	37	84	10	22		0	19	
New Hampshire	227	286	292	44[1]	64[1]	179	8[1]	20[1]		8[1]	20[1]	
New Jersey	0	1	6	0	0	1	0	0		0	0	
New Mexico	0	0	3	0	0	3	0	0		0	0	
New York	0	3,762	5,120	11	0	NA	5	0		5	0	
N. Carolina	1,516	1,540	1,623	610[3]	NA	720	262[3]	NA		250[3]	NA	
N. Dakota	79	104	144	2[1]	15[1]	16	1[1]	7[1]		1[1]	7[1]	
Ohio	88	180	100	23		38	11		20	11		20
Oklahoma	501	510	494	151	NA	122	61	NA		55	NA	
Oregon	699	1,445	1,404	115	132[3]	418	88	56[3]		51	37[3]	
Pennsylvania	388	386	357	94[3]	64[4]	144[4]	44[3]	28		40[3]	28	
Rhode Island	55	27	63	0	7	10	0	3		0	3	
S. Carolina	361	422	*342	140	171[1]	142	74	98[1]		70	93[1]	
S. Dakota	0	0	0	0	0	0	0	0		0	0	
Tennessee	263	376	313	254	94	75	172	67		135	64	
Texas	206	353	373	88	159	271	62	101		61	100	
Utah	0	4,115	38	25[1]	1[7]	27	5*	1[7]		5[1]	1[7]	
Vermont	172	0	0	61	0	109[1]	24	0	76[1]	.9	0	72[1]
Virginia	275	467	393	82	119	147	69	72		59	69	
Washington	1,633	922	786	252[1]	304[1]	244	116[1]	194[1]		107[1]	185[1]	
W. Virginia	175	121	110	31[1]	44[1]	NA	22[1]	26[1]		21[1]	21[1]	
Wisconsin		1,342	1,164	296[1]	199[1]	248[1,4]	79[1]	112[1]		70[1]	106[1]	
Wyoming	0	0	0		0	47		0			0	
Puerto Rico	0	0	0		0	0		0			0	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
24,845	6,307	11,467	69.31	450.09	219.37	20.31	92.98	50.86	9.39	47.27	2.06	8.30	43.19	1.95
150 360	300 0*	420 50 325	215.33 282.22	295.00 0	0 80.00 282.15	75.33 40.00	73.00 0	16.00 48.61	53.33 23.61	14.67 0		53.33 22.50	11.67 0	
0	0* 0	0 18 6,498	— 0	0 0	0 7011.11 2.80	0	0 0	0 1377.78 1.00	0	0 0		0	0 0	
0		0 20 397 0	0		0 1260.00 23.17 0	0		0 440.00 11.59 0	0			0		
0 500		0 0 0 64*	-- 159.00		0 0 0 1664.06	0 43.00		0 0 0 368.75	0 16.80			0 14.40		
23,550	6,000	55 0	--	10.37	254.55 0	.46	1 .63	36.36 0	.22	1.10		.25	1.07	
		0 12			0 13,525 00			0 6,000.00						
0	7	3,035 0 16	0	7285.71	3.29 0 8775.00	0	NA	1.25 0 2612.50		.66 NA		0	NA	.66
285		0 557 0	92.28		0 56.19 0	89.12		0 13.46 0	60.35			47.37		
		0			0		0			0			0	

Table 107 - Percent of Labor Demand Supplied by Vocational Education Enrollment. Completions. Available for Work, and Placements in Home Economics Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	37,268	151,405	87,117	11,592	15,160	29,710	4,204	6,478	246	3,384	5,573	198
Alabama	1,598	479	4,675	87	195	229	35	93	72	25	70	49
Alaska	14	1,114	0	14	123	0	12	25		6	19	
Arizona	639	2,769	787	122	1,553	168	53	857		44	788	
Arkansas	30	26,936	87	18	18	17	13	9		12	8	
California	3,928	7,218	6,043	1,723[1]	2,131[1]	1,753[4]	510[1]	851[1]		441[1]	755[1]	
Colorado	1,084	1,723	1,461	604[1]	1,314[1]	1,179[4]	243[1]	530[1]		188[1]	417[1]	
Connecticut	32	52	130	5	27	66	4	26		3	23	
Delaware	193	1,234	3,405	61	346	259	32	10		30	6	
Dist. of C.	37	0	38	0	0	0	0	0		0	0	
Florida	3,459	7,247	29,765	1,602	1,908	14,798	496	675		391	578	
Georgia	769	74,189	773	56[1]	61[1]	565[4]	27[1]	42[1]		22[1]	34[1]	
Hawaii	60	3	43		0[6]	9		0[9]			0[6]	
Idaho	125	44	137	109	144	62	97	102		41	98	
Illinois	1,815	0	3,609	460	424	1,400	270	241		250	187	
Indiana	113	248	232	101	188	NA	45	93		42	89	
Iowa	340	67	561	0[1]	95[1]	439	0[1]	57[1]		0[1]	50[1]	
Kansas	198	225	503	81[2]	148[1]	251	41[2]	71[1]		23[2]	61[1]	
Kentucky	159	51	325	42	3[5]	185	20	2[5]		17	2[5]	
Louisiana	147	37	138	85	96	86	47	55		46	55	
Maine	281	0	17	51	0	5	18	0		13	0	
Maryland		2,257	210	10[1]	0[6]	59	5[1]	0[6]		5[1]	0[6]	
Massachusetts		121	2,601		263	501		113			84	
Michigan	875	4,503	884	1,210	557	260	145	149		34	109	
Minnesota	4,322	4,081	1,580	277	291	656	204	215		194	204	
Mississippi	61	9	663	30	40	86	18	33	27	12	31	20
Missouri		1,458	921	343	626	161	131	82		123	64	
Montana	0	0	13	0	0	4	0	0		0	0	
Nebraska	0	0	796	0	7	84	0	5		0	4	
Nevada	301	388	612	103	96	259	69	64		55	54	
New Hampshire	7	108	101	9[1]	10[1]	50	3[1]	5[1]		1[1]	5[1]	
New Jersey	1,424	769	1,491	922	795	499	318	532		282	434	
New Mexico	130	252	270	0	129	135	0	114		0	93	
New York	190	1,154	3,543	377	1,229	NA	222	364		184	318	
N. Carolina	2,742	1,005	5,682	193[3]	NA	1,503	80[3]	NA		68[3]	NA	
N. Dakota	124	205	218	36[1]	82[1]	34	18[1]	34[1]		11[1]	27[1]	
Ohio	332	0	756	27		277	10		147	9		129
Oklahoma	767	387	837	34	NA	209	9	NA		9	NA	
Oregon	157	186	385	290	79[3]	21	60	14[3]		60	7[3]	
Pennsylvania	1,075	5,150	501	525	228[4]	235[4]	261	116		192	110	
Rhode Island	0	50	50	0	21	0	0	8		0	5	
S. Carolina	274	23	18	226	0[1]	3	126	0[1]		95	0[1]	
S. Dakota	112	0	32	31	0	0	6	0		6	0	
Tennessee	698	772	497	217	333	172	104	82		62	70	
Texas	6,514	3,845	5,354	484	799	1,155	225	403		211	347	
Utah	389	0	1,080	502[1]	117[7]	504	54[1]	106[7]		28[1]	104[7]	
Vermont	0	13	30	10	8	0[1]	3	2	0[1]	2	2	0[1]
Virginia	380	821	1,191	0	0	234	0	0		0	0	
Washington	491	0	689	341[1]	227[1]	324	74[1]	109[1]		66[1]	97[1]	
W. Virginia	440	132	653	88[1]	78[1]	NA	60[1]	39[1]		33[1]	38[1]	
Wisconsin		52	1,397	86	106[1]	47[1,4]	56[1]	71[1]		48[1]	61[1]	
Wyoming	0	0	0		0	0		0			0	
Puerto Rico	442	28	1,333		265[4]	867		79			65	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
10,469	29,842	68,163	355.37	507.35	127.81	110.44	50.80	43.59	40.05	21.71	.36	32.24	18.68	.29
		388			0									
275*		412	232.36		191.02	44.36		40.78	19.27			16.00		
1,515	1,940	1,972	1.98	1,3088.45	4.41	1.19	.93	.86	.86	.46		.79	.41	
	9,327*			77.39			22.85			9.12			8.09	
*	14,800	15,100*		[illegible].97	197.12		12.89	98.00		4.56			3.91	
		801			96.50			70.54						
0*	NA		0	--		0	NA		0	NA		0	NA	
		0*			0			0						
		0			0			0						
250		200	79.20		251.50	32.40		125.50	16.40			9.20		
		1,766			18.40			10.47						
		5,622			2.45			1.53						
2,591		8,331	--		2.52	.39		.71	.19			.19		
		7,369			35.29			6.79						
0		0	0		0	0		0	0			0		
		1,585			99.68			41.39						
5,750	3,320		--	43.92		5.96	18.86		2.28	2.47		2.14	1.93	
		1,205			66.06			6.97						
		859			71.25			30.15						
		5,054			70.10			--						
		6,511			87.27			23.08						
		502			150.59			55.18			29.28			25.69
0	455	469	0	85.05	178.46	0	NA	44.56	0	NA		0	NA	
		517			74.47			4.06						
		405			7.90			0						
88		145	793.18		342.76	246.59		118.62	118.18			70.45		
		8,950*			59.82			1.28						
	0			0			0			0			0	

Table 108 - Percent of Labor Demand Supplied by Vocational Education Enrollment, Completions, Available for Work, and Placements in Unclassified Group for 1970-71, 1971-72 and 1972-73

States	Enrollment			Completions			Available for Work			Placement		
	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
U.S. TOTAL	360,568	440,258	559,707	36,272	57,054	110,604	18,993	32,452	4,202	17,547	29,940	3,965
Alabama	3,281	2,064	4,675	222	286	435	163	213	289	150	203	268
Alaska	2,075	4,540	3,616	1,699	1,972	109	1,596	1,169		1,606	1,169	
Arizona	5,608	16,294	2,723	597	6,903	412	302	3,819		278	3,717	
Arkansas	10,713	10,898	12,294	45	99	240	29	56		26	53	
California	21,630	26,607	37,644	3,987[1]	6,490[1]	8,524[4]	1,936[1]	3,414[1]		1,767[1]	3,162[1]	
Colorado	4,573	3,773	5,603	945[1]	385[1]	2,075[4]	487[1]	255[1]		396[1]	238[1]	
Connecticut	11,775	9,491	11,842	1,265	1,732	1,998	852	1,209		803	1,166	
Delaware	405	1,173	1,026	164	352	161	99	27		94	NA	
Dist. of C.	33	0	68	5	16	24	2	13		2	13	
Florida	32,893	32,165	83,422	6,549	5,003	12,106	2,375	2,278		2,030	2,053	
Georgia	1,292	2,043	1,941	205[1]	297[1]	1,225[4]	121[1]	187[1]		108[1]	177[1]	
Hawaii	2,092	791	624	0	41[4,6]	58	0	18[6]		0	16[6]	
Idaho	480	450	1,138	3	4	8	1	3		1	3	
Illinois	6,759	7,010	4,628	285	786	920	187	602		185	582	
Indiana	1,258	2,224	2,831	1,587	869	NA	1,064	624		993	588	
Iowa	5,770	2,555	7,318	32[1]	301[1]	1,458	20[1]	254[1]		20[1]	244[1]	
Kansas	5,037	20,413	19,682	72[2]	172[1]	3,133	45[2]	106[1]		42[2]	82[1]	
Kentucky	4,129	4,195	5,657	0	23[5]	53	0	36[5]		0	31[5]	
Louisiana	845	573	725	107	113	67[4]	34	46		34	46	
Maine	1,314	8,587	2,149	113	28	141	45	28		39	22	
Maryland		7,253	6,591	335[1]	300[6]	2,569	157[1]	96[6]		143[1]	85[6]	
Massachusetts		2,706	2,326		466	272		335			322	
Michigan	8,296	9,679	16,580	2,057	2,841	3,978	638	1,301		846	1,207	
Minnesota	9,623	10,587	31,810	948	1,147	1,166	758	916		644	789	
Mississippi	1,049	679	779	25	223	209	12	158	156	12	153	152
Missouri		3,267	8,782	564	994	1,470	255	419		229	384	
Montana	134	2,275	272	41	421	84	58	274		53	245	
Nebraska	6,428	7,446	7,736	564	138	306	270	82		333	78	
Nevada	2,842	5,995	2,556	554	1,548	1,124	273	670		243	600	
New Hampshire	1,298	454	2,086	3	8[1]	201	1	4[1]		0	4[1]	
New Jersey	9,957	11,301	12,511	2,824	3,642	4,446	1,983	2,191		1,864	2,040	
New Mexico	1,530	2,719	569	62	143	528	11	52		10	43	
New York	39,428	22,921	24,496	3,539	3,867	NA	1,320	1,513		1,069	1,398	
N. Carolina	25,571	25,340	28,689	816[3]	NA	4,329	419[3]	NA		386[3]	NA	
N. Dakota	77	182	161	31[1]	26[1]	28	23[1]	10[1]		23[1]	9[1]	
Ohio	34,845	37,908	36,294	101		5,757	72		3,745	65		3,537
Oklahoma	10,974	10,655	9,394	244	NA	1,517	111	NA		93	NA	
Oregon	5,453	5,256	6,505	227	2,226[3]	667	192	980[3]		162	736[3]	
Pennsylvania	14,065	42,049	50,627	2,245[3]	4,876[4]	37,095[4]	1,242[3]	3,287		1,106[3]	3,034	
Rhode Island	1,771	1,862	2,028	43	51	1,034	18	25		18	23	
S. Carolina	1,586	1,859	77	173	44[1]	63	110	21[1]		98	19[1]	
S. Dakota	58	19	77	29	30	83	22	10		22	10	
Tennessee	5,740	8,519	9,633	938	2,205	1,096	630	1,588		601	1,517	
Texas	14,061	7,379	20,031	441[1]	3,797[7]	3,583	266[1]	2,981[7]		215[1]	2,952[7]	
Utah	2,288	2,365	4,601	242	32	1,457	35	31		30	31	
Vermont	1,018	1,716	1,290	29	63	12[1]	10	41	12[1]	6	35	8[1]
Virginia	30,467	36,257	40,022	364	392	1,629	268	241		260	224	
Washington	5,520	6,039	5,332	197[1]	344[1]	1,264	114[1]	160[1]		105[1]	134[1]	
W. Virginia	3,133	728	4,712	189[1]	258[1]	NA	75[1]	194[1]		68[1]	183[1]	
Wisconsin		7,761	12,339	565[1]	757[1]	582[1,4]	292[1]	417[1]		264[1]	39[1]	
Wyoming	57	80	678		37	506		19			16	
Puerto Rico	1,337	1,136	517		306[4]	402		79			65	

*Partial Data

[1] Contains Secondary and Post-Secondary only.

[2] Contains Secondary and Adult only.

[3] Contains Secondary only.

[4] Does not include students who left prior to normal completion with marketable skills.

[5] Contains Post-Secondary and Adult only.

[6] Contains Post-Secondary only.

[7] Contains Adult only.

Source: U.S. Office of Education Form 3139, U.S. Department of Health, Education, and Welfare, Washington, D.C., FY 1973.

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Projected Demand			Percent of Demand Filled by Enrollment			Percent of Demand Filled by Completions			Percent of Demand Filled by Available for Work			Percent of Demand Filled by Placement		
1972	1973	1974	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY	1971 FY	1972 FY	1973 FY
62,897	60,466	242,741	573.27	728.11	225.02	57.67	94.36	44.47	30.19	53.67	16.89	27.89	49.52	15.94
		2,129			169.85			5.12						
3,405*		7,003	164.69		38.88	17.53		5.88	8.87			8.16		
640	470	470	1673.91	2318.72	2615.74	7.03	21.06	51.06	4.53	11.92		4.06	11.28	
	17,572			151.42			36.93			19.43			17.99	
	34,300	36,260		93.78	230.07		14.59	33.39		6.64			5.99	
		2,163*			89.74			56.63						
20,150	230*		10.38	343.91		0	17.83		0	7.83		0	6.96	
		30,920*			14.97			2.97						
		14,966*			48.89			9.74						
920*		737	547.50		2670.56	7.83		425.10	4.89			4.56		
		2,547			222.10			2.08						
		1,990			36.43			3.37						
907		1,031	--		639.28	36.93		249.17	17.31			15.77		
		2,245			103.[illegible]1			32.38						
5,400		25,100	153.63		66.06	38.09		15.85	11.81			15.67		
		1,307			2433.82			89.21						
11,800*	6,230		--	52.76		4.78	15.96		2.16	6.73		1.94	6.16	
		3,870			199.89			7.91						
		705			362.55			159.43						
		24,369			100.52			--						
		6,447			444.99			67.15						
		21,576			168.21			26.68			17.36			16.39
704	1,624	2,735	1558.81	656.09	343.47	34.66	NA	55.47	15.77	NA		13.21	NA	
		2,757			235.94			24.19						
		6,410			1.20			1.29						
18,971		4,994	30.26		192.89	4.94		21.95	3.32			3.17		
		40,010			50.06			8.95						
	40			[illegible]290.00			157.50			102.50			87.[illegible]0	

Table 109 - Comparison of Trainees Enrolled Based on Data Contained in The Manpower Report of the President and Reported Enrollees from the U.S. Department of Labor Printout, Table 6 with Differences for Fiscal Year, 1971, 1972 and 1973

Programs	Trainees Enrolled Based on Data Contained in The Manpower Report of the President			Number of Enrollees For Whom Data on Training by Occupation were Available from the U.S. Department of Labor Printout, Table 6			Differences Between Trainees Enrolled Based on Data from The Manpower Report of the President and Reported Enrollees from the U.S.D.L. Printout, Table 6		
	FY 1971	FY 1972	FY 1973	FY 1971	FY 1972	FY 1973	FY 1971	FY 1972	FY 1973
TOTALS MDTA AND EOA	550,200	551,320	394,300[1] [632,800[2]]	432,027	346,066	149,593[1] [275,493[2]]	118,173	205,254	244,707[1] [357,307[2]]
MDTA Total	254,800	232,700	195,200	179,483	209,269	85,962	75,317	23,431	109,238
Institutional	155,600	150,600	119,600	133,908	132,736	75,417	21,692	17,864	44,183
JOP - OJT	99,200	82,100	75,600	45,575	76,533	10,545	53,625	5,567	65,055
EOA TOTAL	295,400	318,620	199,100[1] [437,600[2]]	252,544	136,797	63,631[1] [189,531[2]]	42,856	181,823	135,469[1] [248,069[2]]
NYC - OS	53,000	65,000	74,700	42,534	38,110	20,908	10,466	26,890	53,792
Operation Mainstream	21,900	31,400	37,500	10,556	10,302	9,633	11,344	21,098	27,867
PSC	14,600	16,920	18,100	4,727	8,583	6,016	9,873	8,337	12,084
CEP	93,700	84,700	68,800	67,792	42,442	25,645	25,908	42,258	43,155
WIN	112,200	120,600	-- [238,500[2]]	110,080	37,360	NA [125,900[3]]	2,120	83,240	- [112,600[3]]
OIC	NA	NA	NA	16,855	NA	1,429	(16,855)	NA	(1,429)

[1] Adjusted to exclude trainees who can not be identified by occupation.

[2] This total includes WIN enrollees for whom occupational enrollment data were not available by State.

[3] This figure includes 59,676 enrollees in skill training, 41,678 in the classroom, and 24,546 participating in work experience. The figure has not been included in the total shown here or on other tables because occupational enrollment data were not available by State.

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Table 110 - Enrollments in Occupationally Reported U.S. Department of Labor Training Programs, 1970-71, 1971-72 and 1972-73

States	Total Enrollment in USDL Training Programs			MDTA Enrollment			EOA Enrollment		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	432,027	346,066	149,593	179,483	209,269	85,962	252,544	136,797	63,631
Alabama	3,643	5,791	3,076	2,975	3,603	1,592	668	2,188	1,484
Alaska	1,166	1,735	1,023	607	851	383	559	884	640
Arizona	7,013	5,023	2,233	3,402	2,166	674	3,611	2,857	1,559
Arkansas	6,060	5,114	2,233	1,209	2,965	792	4,851	2,149	1,461
California	39,391	42,863	12,351	14,980	21,032	6,927	24,411	21,831	5,424
Colorado	8,593	4,264	2,359	3,594	3,036	1,648	4,999	1,228	711
Connecticut	6,159	4,682	3,087	2,792	2,976	2,419	3,367	1,706	668
Delaware	901	929	585	552	739	309	349	190	276
Dist. of C.	5,711	2,603	1,116	720	1,077	455	4,991	1,531	661
Florida	9,386	8,790	3,510	2,846	4,176	1,833	6,540	4,614	1,677
Georgia	9,815	6,729	3,576	5,514	5,198	2,439	4,301	1,531	1,137
Hawaii	2,221	1,896	1,429	904	985	1,058	1,317	911	371
Idaho	1,949	1,642	897	915	884	689	1,034	758	208
Illinois	17,511	10,591	5,301	8,483	7,565	2,885	9,028	3,026	2,416
Indiana	7,207	5,255	3,301	4,135	3,156	2,159	3,072	2,099	1,142
Iowa	4,775	4,567	1,630	2,872	3,455	1,166	1,903	1,112	464
Kansas	4,701	5,190	3,484	2,920	3,841	2,937	1,781	1,349	547
Kentucky	7,682	6,253	3,349	3,170	2,763	1,318	4,512	3,490	2,031
Louisiana	5,790	4,534	1,724	2,615	2,914	815	3,175	1,620	909
Maine	3,189	2,404	814	1,012	1,582	423	2,177	822	391
Maryland	8,026	5,473	2,889	2,658	3,049	1,689	5,368	2,429	1,200
Massachusetts	13,535	8,830	4,361	5,989	3,914	2,349	7,546	4,916	2,012
Michigan	13,349	11,119	4,077	6,665	7,182	3,190	6,684	3,937	887
Minnesota	7,571	6,976	3,274	3,106	4,463	2,045	4,465	2,513	1,229
Mississippi	5,919	6,481	2,311	2,816	3,888	1,031	3,103	2,593	1,280
Missouri	8,963	9,083	4,007	4,008	5,947	2,291	4,955	3,136	1,716
Montana	2,387	1,589	903	999	815	357	1,388	774	546
Nebraska	3,320	2,369	1,144	1,422	1,712	580	1,898	657	564
Nevada	1,726	1,234	684	822	715	317	904	519	367
New Hampshire	1,333	1,128	689	742	753	314	591	375	375
New Jersey	16,226	11,089	4,069	7,625	7,226	2,680	8,601	3,863	1,389
New Mexico	3,974	3,159	1,616	1,055	1,578	555	2,919	1,581	1,061
New York	32,783	20,736	[illegible]	12,874	13,520	4,598	19,909	7,216	2,433
N. Carolina	8,856	9,802	4,744	4,345	6,838	2,943	4,511	2,964	1,801
N. Dakota	1,236	1,094	468	590	782	307	646	312	161
Ohio	17,840	13,253	6,846	7,204	9,794	4,146	10,636	3,459	2,700
Oklahoma	7,912	6,748	3,180	3,432	4,525	1,970	4,480	2,223	1,210
Oregon	6,023	4,070	1,850	1,682	2,270	828	4,341	1,800	1,022
Pennsylvania	29,610	16,561	6,884	8,940	9,948	3,724	20,670	6,613	3,160
Rhode Island	2,719	1,609	687	1,065	733	291	1,654	876	396
S. Carolina	4,907	6,053	1,955	2,572	3,527	875	2,335	2,526	1,080
S. Dakota	1,577	1,457	872	505	779	208	1,072	678	664
Tennessee	7,977	8,182	3,942	3,611	5,205	2,327	4,366	2,977	1,615
Texas	25,002	20,699	9,461	11,101	12,681	4,530	13,901	8,018	4,931
Utah	3,492	2,588	1,276	1,469	1,350	939	2,023	1,238	277
Vermont	1,636	1,571	556	637	1,021	281	999	550	275
Virginia	6,886	5,373	2,880	3,450	3,561	1,909	3,436	1,812	971
Washington	10,183	[illegible]	3,372	3,650	6,002	2,564	6,533	2,221	808
W. Virginia	6,976	3,640	1,039	1,849	[illegible]	466	5,127	2,029	573
Wisconsin	8,308	8,044	2,617	3,580	[illegible]	1,598	4,728	2,466	1,019
Wyoming	823	731	364	491	518	279	332	213	85
Guam	NA	286	138	NA	178	35	NA	108	103
Puerto Rico	NA	3,204	1,037	NA	2,201	490	NA	1,003	547
Virgin Isl.	NA	249	43	NA	198	6	NA	51	37
Am. Samoa	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unident. States	8,089	2,498	1,229	2,312	243	269	5,777	2,255	960

Source: Table 6#, "Trainees Enrolled by Race, Minority Group, and by Training Occupation," U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973.

Table III - Enrollment in Occupationally Reported U.S. Department of Labor
MDTA Programs, 1970-71, 1971-72, and 1972-73

States	Total MDTA Enrollment Programs			MDTA Institutional			MDTA On-Job-Training		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	179,483	209,269	85,962	133,908	132,736	75,417	45,575[1]	16,560	10,545
Alabama	2,975	3,603	1,592	1,915	2,066	1,470	1,060	360	122
Alaska	607	851	383	554	642	383	53	15	0
Arizona	3,402	2,166	674	2,936	1,515	613	466	40	61
Arkansas	1,209	2,965	792	955	1,790	748	254	181	44
California	14,980	21,032	6,927	11,093	12,756	6,417	3,887	724	510
Colorado	3,594	3,036	1,648	3,246	2,295	1,360	348	142	288
Connecticut	2,792	2,976	2,419	1,934	1,952	2,246	858	242	173
Delaware	552	739	309	500	631	299	52	8	10
Dist. of C.	720	1,077	455	561	893	442	159	156	13
Florida	2,846	4,176	1,833	2,323	3,129	1,491	523	194	342
Georgia	5,514	5,198	2,439	4,061	2,912	2,321	1,453	746	118
Hawaii	904	985	1,058	598	841	1,024	306	28	34
Idaho	915	884	689	741	642	619	174	79	70
Illinois	8,483	7,565	2,885	5,406	5,279	2,262	3,077	598	623
Indiana	4,135	3,156	2,159	2,797	2,309	1,580	1,338	599	579
Iowa	2,872	3,455	1,166	2,106	2,254	1,078	766	202	88
Kansas	2,920	3,841	2,937	2,681	3,029	2,847	239	68	90
Kentucky	3,170	2,763	1,318	2,098	1,839	1,117	1,072	242	201
Lousiana	2,615	2,914	815	1,714	1,602	694	901	250	121
Maine	1,012	1,582	423	597	765	421	415	307	2
Maryland	2,658	3,049	1,689	1,928	1,542	1,356	730	546	333
Massachusetts	5,989	3,914	2,349	4,675	2,560	1,791	1,314	607	558
Michigan	6,665	7,182	3,190	5,132	5,457	2,666	1,533	665	524
Minnesota	3,106	4,463	2,045	2,266	2,382	1,857	820	358	188
Mississippi	2,816	3,888	1,031	1,700	1,620	677	1,116	736	354
Missouri	4,008	5,947	2,291	2,911	3,582	1,983	1,097	504	308
Montana	999	815	357	726	559	347	273	135	10
Nebraska	1,422	1,712	580	1,156	1,164	482	266	105	98
Nevada	822	715	317	561	309	211	261	146	106
New Hampshire	742	753	314	679	527	291	63	33	23
New Jersey	7,625	7,226	2,680	5,664	4,725	2,584	1,961	382	96
New Mexico	1,055	1,578	555	716	892	505	339	187	50
New York	12,874	13,520	4,598	8,781	6,265	4,123	4,093	1,098	475
N. Carolina	4,345	6,838	2,943	3,422	5,320	2,754	923	380	189
N. Dakota	590	782	307	449	567	214	141	31	93
Ohio	7,204	9,794	4,146	4,943	6,369	3,157	2,261	1,246	989
Oklahoma	3,432	4,525	1,970	2,832	3,200	1,899	600	78	71
Oregon	1,682	2,270	828	1,459	1,496	780	223	13	48
Pennsylvania	8,940	9,948	3,724	7,773	6,830	3,167	1,167	828	557
Rhode Island	1,065	733	291	1,026	599	229	39	27	62
S. Carolina	2,572	3,527	875	1,714	1,775	780	858	209	95
S. Dakota	505	779	208	350	355	178	155	142	30
Tennessee	3,611	5,205	2,327	2,492	3,138	1,903	1,119	528	424
Texas	11,101	12,681	4,530	8,852	7,938	4,008	2,249	476	522
Utah	1,469	1,350	999	1,071	813	978	398	179	21
Vermont	637	1,021	281	543	594	281	94	25	0
Virginia	3,450	3,561	1,909	2,630	2,471	1,729	820	436	180
Washington	3,650	6,002	2,564	2,747	4,191	2,459	903	332	105
W. Virginia	1,849	1,611	466	1,105	577	282	744	368	184
Wisconsin	3,580	5,578	1,598	2,470	3,676	1,338	1,110	329	260
Wyoming	491	518	279	345	314	240	146	26	39
Guam	NA	178	35	NA	178	35	NA	0	NA
Puerto Rico	NA	2,201	490	NA	1,267	459	NA	195	31
Virgin Island	NA	198	6	NA	196	6	NA	0	NA
Unident States	2,312	243	269	1,954	147	236	358	29	33

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[1] MDTA Part-Time was included in OJT for Year 1970-71

Source: Table #6, "Trainees Enrolled by Race, Minority Group, and by Training Occupation," U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973.

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MDTA Part - Time			MDTA JOP Entry			MDTA JOP Upgrade		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
NA	4,373	NA	NA	51,152	NA	NA	4,448	NA
NA	43	NA	NA	1,110	NA	NA	24	NA
NA	2	NA	NA	175	NA	NA	17	NA
NA	76	NA	NA	524	NA	NA	11	NA
NA	0	NA	NA	994	NA	NA	0	NA
NA	317	NA	NA	6,808	NA	NA	427	NA
NA	79	NA	NA	471	NA	NA	49	NA
NA	129	NA	NA	558	NA	NA	95	NA
NA	0	NA	NA	90	NA	NA	10	NA
NA	0	NA	NA	12	NA	NA	16	NA
NA	0	NA	NA	775	NA	NA	78	NA
NA	79	NA	NA	1,331	NA	NA	130	NA
NA	0	NA	NA	111	NA	NA	5	NA
NA	0	NA	NA	161	NA	NA	2	NA
NA	94	NA	NA	1,413	NA	NA	181	NA
NA	0	NA	NA	234	NA	NA	14	NA
NA	69	NA	NA	915	NA	NA	15	NA
NA	17	NA	NA	669	NA	NA	58	NA
NA	0	NA	NA	679	NA	NA	3	NA
NA	83	NA	NA	946	NA	NA	33	NA
NA	47	NA	NA	452	NA	NA	11	NA
NA	191	NA	NA	694	NA	NA	76	NA
NA	0	NA	NA	725	NA	NA	22	NA
NA	195	NA	NA	795	NA	NA	70	NA
NA	0	NA	NA	1,582	NA	NA	141	NA
NA	59	NA	NA	1,399	NA	NA	74	NA
NA	3	NA	NA	1,708	NA	NA	150	NA
NA	3	NA	NA	109	NA	NA	9	NA
NA	0	NA	NA	433	NA	NA	10	NA
NA	0	NA	NA	220	NA	NA	40	NA
NA	0	NA	NA	192	NA	NA	1	NA
NA	31	NA	NA	2,083	NA	NA	5	NA
NA	27	NA	NA	454	NA	NA	18	NA
NA	24	NA	NA	5,399	NA	NA	734	NA
NA	0	NA	NA	979	NA	NA	159	NA
NA	0	NA	NA	179	NA	NA	5	NA
NA	1	NA	NA	1,815	NA	NA	363	NA
NA	147	NA	NA	1,074	NA	NA	26	NA
NA	124	NA	NA	594	NA	NA	43	NA
NA	203	NA	NA	1,936	NA	NA	151	NA
NA	0	NA	NA	101	NA	NA	6	NA
NA	115	NA	NA	1,272	NA	NA	156	NA
NA	116	NA	NA	162	NA	NA	4	NA
NA	1	NA	NA	1,404	NA	NA	134	NA
NA	1,590	NA	NA	2,578	NA	NA	99	NA
NA	115	NA	NA	242	NA	NA	1	NA
NA	147	NA	NA	237	NA	NA	18	NA
NA	23	NA	NA	554	NA	NA	77	NA
NA	108	NA	NA	1,228	NA	NA	143	NA
NA	0	NA	NA	533	NA	NA	133	NA
NA	104	NA	NA	1,205	NA	NA	264	NA
NA	0	NA	NA	168	NA	NA	10	NA
NA	0	NA	NA	0	NA	NA	0	NA
NA	6	NA	NA	608	NA	NA	125	NA
NA	2	NA	NA	0	NA	NA	0	NA
NA	3	NA	NA	62	NA	NA	2	NA

Table 112 -Enrollments in Occupationally Reported U.S. Department of Labor EOA Programs, 1970-71, 1971-72 and 1972-73

States	Total Enrollment in USDL EOA Programs			WIN			CEP		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	252,544	136,797	63,631	110,080	37,360	NA	67,792	42,442	25,645
Alabama	668	2,188	1,484	1	172	NA	207	527	383
Alaska	559	884	640	377	259	NA	0	1	2
Arizona	3,611	2,857	1,559	1,130	338	NA	1,744	1,577	923
Arkansas	4,851	2,149	1,461	1,120	212	NA	1,515	517	405
California	24,411	21,831	5,424	15,850	15,083	NA	3,440	1,926	1,788
Colorado	4,999	1,228	711	3,388	489	NA	810	295	318
Connecticut	3,367	1,706	668	1,624	792	NA	1,297	586	485
Delaware	349	190	276	217	55	NA	1	1	0
Dist. of C.	4,991	1,531	661	576	74	NA	2,460	716	497
Florida	6,540	4,614	1,677	2,463	1,385	NA	2,098	1,861	628
Georgia	4,301	1,331	1,137	1,266	292	NA	1,176	480	467
Hawaii	1,317	911	371	488	203	NA	670	227	147
Idaho	1,034	758	208	572	303	NA	1	0	0
Illinois	9,028	3,026	2,416	5,974	106	NA	1,388	1,169	535
Indiana	3,072	2,099	1,142	1,048	182	NA	741	335	500
Iowa	1,903	1,112	464	842	135	NA	666	532	173
Kansas	1,781	1,349	547	1,052	299	NA	1	0	3
Kentucky	4,512	3,490	2,031	1,380	350	NA	1,551	1,470	805
Louisiana	3,175	1,620	909	982	165	NA	756	324	161
Maine	2,177	822	391	914	151	NA	781	482	229
Maryland	5,368	2,429	1,200	2,244	288	NA	2,229	1,056	727
Massachusetts	7,546	4,916	2,012	5,878	1,336	NA	828	2,847	1,489
Michigan	6,684	3,937	887	4,891	1,256	NA	516	735	472
Minnesota	4,465	2,513	1,229	1,362	998	NA	1,464	841	765
Mississippi	3,103	2,593	1,280	541	183	NA	1,486	905	275
Missouri	4,955	3,136	1,716	1,193	219	NA	2,649	2,019	1,027
Montana	1,388	774	546	456	101	NA	497	245	276
Nebraska	1,898	657	564	359	58	NA	468	425	407
Nevada	904	519	367	99	16	NA	519	295	284
New Hampshire	591	375	375	0	36	NA	486	253	315
New Jersey	8,601	3,863	1,389	3,061	404	NA	3,745	2,344	713
New Mexico	2,919	1,581	1,061	507	116	NA	1,698	837	459
New York	19,909	7,216	2,433	12,198	2,073	NA	3,926	1,638	1,321
N. Carolina	4,511	2,964	1,801	561	151	NA	2,313	1,354	729
N. Dakota	646	312	161	376	67	NA	0	1	1
Ohio	10,636	3,459	2,700	4,639	931	NA	2,531	961	1,270
Oklahoma	4,480	2,223	1,210	461	182	NA	1,209	682	336
Oregon	4,341	1,800	1,022	2,442	974	NA	410	212	149
Pennsylvania	20,670	6,613	3,160	7,691	1,605	NA	6,088	2,910	1,662
Rhode Island	1,654	876	396	986	390	NA	564	359	342
S. Carolina	2,335	2,526	1,080	367	110	NA	975	1,238	385
S. Dakota	1,072	678	664	603	79	NA	5	7	1
Tennessee	4,366	2,977	1,615	598	202	NA	1,846	1,351	506
Texas	13,901	8,016	4,931	2,233	255	NA	6,655	3,640	2,078
Utah	2,023	1,238	277	1,700	791	NA	0	3	2
Vermont	999	550	275	701	320	NA	1	0	0
Virginia	3,436	1,812	971	1,176	123	NA	761	637	324
Washington	6,533	2,221	808	3,125	725	NA	770	212	112
W. Virginia	5,127	2,029	573	3,686	1,150	NA	1	1	2
Wisconsin	4,728	2,466	1,019	1,977	529	NA	1,826	1,340	677
Wyoming	332	213	85	155	77	NA	1		1
Guam	NA	108	103	NA	6	NA	NA	0	0
Puerto Rico	NA	1,003	547	NA	455	NA	NA	0	1
Virgin Isl.	NA	51	37	NA	5	NA	NA	0	0
Am. Samoa	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pac. Tr. Terr.	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unident States	5,777	2,255	960	2,550	104	NA	22	68	88

Source: Table #6, "Trainees Enrolled by Race, Minority Group, and by Training Occupation," U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973

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NYC			Operation Mainstream			PSC			OIC		
1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
42,534	38,110	20,908	10,556	10,302	9,633	4,727	8,583	6,016	1[illegible],355	NA	1,429
353	1,112	892	72	333	171	1	44	33	34	NA	5
121	199	170	37	407	405	23	18	60	1	NA	3
269	455	330	360	231	174	34	256	17	74	NA	115
820	949	393	285	174	161	255	297	465	856	NA	37
3,772	3,562	2,139	196	493	718	176	767	488	977	NA	291
638	220	137	22	24	42	157	200	213	0	NA	1
356	134	111	53	42	17	21	132	55	0	NA	0
118	116	101	0	1	20	13	17	135	0	NA	20
780	582	72	106	51	23	147	108	69	922	NA	0
1,090	999	579	123	177	286	118	192	16	648	NA	168
1,372	541	405	413	104	198	72	114	1	2	NA	66
107	330	62	47	82	92	5	69	70	0	NA	0
359	239	54	100	184	98	0	32	37	2	NA	19
560	1,174	1,534	577	256	308	528	321	15	1	NA	24
913	1,041	376	191	325	218	179	216	15	0	NA	33
149	298	191	238	116	93	6	31	3	2	NA	4
352	402	231	130	77	177	246	571	128	0	NA	8
793	1,060	688	740	517	306	48	93	200	0	NA	32
961	944	538	279	111	167	196	76	18	1	NA	25
300	131	77	181	58	63	0	0	14	1	NA	8
659	700	260	42	97	68	202	288	125	9	NA	20
658	339	294	109	186	102	24	208	123	32	NA	4
1,213	930	72	29	834	281	110	182	56	7	NA	6
330	426	268	355	191	158	39	57	36	833	NA	2
836	1,150	722	166	227	169	85	128	49	2	NA	65
482	569	298	444	245	344	80	84	33	94	NA	14
213	100	46	192	171	55	28	157	168	2	NA	1
120	48	105	145	65	50	10	61	0	796	NA	2
154	179	56	132	29	27	0	0	0	0	NA	0
89	53	27	15	33	26	1	0	0	0	NA	7
735	633	373	203	268	258	55	214	22	802	NA	23
455	406	232	226	137	121	32	85	227	1	NA	22
3,270	2,993	615	329	211	308	173	301	171	13	NA	18
1,400	951	584	168	184	351	69	324	137	0	NA	0
107	166	43	148	78	43	15	0	60	0	NA	14
1,676	1,210	690	600	259	473	59	98	219	1,131	NA	48
1,272	869	471	386	413	307	70	77	62	1,082	NA	34
1,392	316	234	54	100	178	40	198	437	3	NA	4
2,056	1,444	799	190	280	319	54	374	367	4,591	NA	13
73	67	22	0	17	29	19	43	3	12	NA	0
728	778	474	163	171	110	91	229	99	11	NA	12
167	289	161	223	214	274	71	89	219	3	NA	9
1,168	1,006	851	649	283	251	102	135	3	3	NA	4
2,795	3,425	1,669	737	534	649	168	164	450	1,313	NA	85
227	172	58	56	58	39	37	214	164	3	NA	16
141	102	68	60	37	68	85	91	134	11	NA	5
840	602	355	85	197	184	61	253	108	513	NA	0
1,552	800	282	170	224	155	266	260	238	650	NA	21
915	626	402	0	40	54	111	212	65	414	NA	30
360	337	194	0	69	47	49	191	74	516	NA	27
158	90	45	17	43	39	1	3	0	0	NA	0
NA	80	84	NA	0	1	NA	22	3	NA	NA	15
NA	435	504	NA	45	11	NA	68	31	NA	NA	0
NA	46	37	NA	3	NA	NA	0	0	NA	NA	0
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,110	1,265	433	313	599	347	295	219	51	487	NA	31

Table 113 - Enrollment of Negro Trainees in USDL Programs as a Percent of Total USDL Enrollment Compared With Negro Population as a Percent of Total Population 1970-71, 1971-72 and 1972-73

States	Percent of Negroes in the Total Population	Percent of Negroes Enrolled in USDL Programs			Difference Between Percent of Negroes in USDL Programs and Percent of Negroes in Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	11.11	32.00	33.14	34.64	20.89	22.03	23.53
Alabama	26.23	48.13	53.31	61.02	21.90	27.08	34.79
Alaska	2.97	0.65	3.40	5.57	-2.32	0.43	2.60
Arizona	2.97	11.99	19.61	18.94	9.02	16.64	15.97
Arkansas	18.33	32.17	39.13	43.01	13.84	20.80	24.68
California	7.02	29.79	24.48	28.73	22.77	17.46	21.71
Colorado	3.01	14.17	12.01	15.73	11.16	9.00	12.72
Connecticut	5.98	35.99	39.79	40.72	30.01	33.81	34.74
Delaware	14.28	66.84	67.06	59.15	52.56	52.78	44.87
Dist. of C.	71.08	74.86	89.46	84.68	3.78	18.38	13.60
Florida	15.34	47.43	59.43	56.55	32.09	44.09	41.21
Georgia	25.87	39.33	43.31	48.94	13.46	17.44	23.07
Hawaii	0.99	1.43	7.81	7.91	0.44	6.82	6.92
Idaho	0.30	3.27	3.84	2.01	2.97	3.5[illegible]	1.71
Illinois	12.83	51.22	57.68	53.82	38.39	44.85	40.99
Indiana	6.88	45.03	43.82	49.11	38.15	36.94	42.23
Iowa	1.15	8.63	10.01	14.23	7.48	8.86	13.08
Kansas	4.76	30.92	24.47	22.47	26.16	19.71	17.71
Kentucky	7.17	20.31	17.85	15.29	13.14	10.68	8.12
Louisiana	29.85	38.31	50.64	58.47	8.46	20.79	28.62
Maine	0.28	0.29	1.21	0.49	0.01	0.93	0.21
Maryland	17.83	53.46	65.30	66.77	35.63	47.47	48.94
Massachusetts	3.09	18.33	25.16	25.71	15.24	22.07	22.62
Michigan	11.17	41.98	32.67	25.80	30.81	21.50	14.63
Minnesota	0.92	7.43	7.28	7.76	6.51	6.36	6.84
Mississippi	36.80	45.59	59.91	57.42	8.79	23.11	20.62
Missouri	10.27	32.83	36.64	42.38	22.56	26.37	32.11
Montana	0.29	0.30	2.27	1.22	0.01	1.98	0.93
Nebraska	2.69	14.76	[illegible].48	29.46	12.07	24.79	26.77
Nevada	5.68	15.08	28.20	28.80	9.40	22.52	23.12
New Hampshire	0.34	0.13	0.80	1.16	-0.21	0.46	0.82
New Jersey	10.75	49.28	51.73	48.71	38.53	40.98	37.96
New Mexico	1.92	4.07	4.75	3.47	2.15	2.83	1.55
New York	11.89	45.99	38.93	46.55	34.10	27.04	34.66
N. Carolina	22.17	39.67	47.92	44.31	17.50	25.75	22.14
N. Dakota	0.40	0.16	2.38	0.64	-0.24	1.98	0.24
Ohio	9.11	42.55	44.23	48.28	33.44	35.12	39.17
Oklahoma	6.72	20.39	22.18	20.57	13.67	15.46	13.85
Oregon	1.26	15.99	9.02	14.81	14.73	7.76	13.55
Pennsylvania	8.62	34.67	38.20	41.87	26.05	29.58	33.25
Rhode Island	2.68	14.92	28.59	35.95	12.24	25.91	33.27
S. Carolina	30.46	46.53	60.63	61.84	16.07	30.17	31.38
S. Dakota	0.24	0.19	2.20	0.23	-0.05	1.96	-0.01
Tennessee	15.83	45.63	41.91	39.40	29.80	26.08	23.57
Texas	12.49	26.24	29.41	30.90	13.75	16.92	18.41
Utah	0.62	2.79	4.83	3.68	2.17	4.21	3.06
Vermont	0.17	0.31	0.70	0.90	0.14	0.53	0.73
Virginia	18.53	33.59	44.31	39.69	15.06	25.78	21.16
Washington	2.09	11.69	12.44	14.06	9.60	10.35	11.97
W. Virginia	3.86	6.65	6.59	8.47	2.79	2.73	4.61
Wisconsin	2.90	24.18	20.72	20.56	21.28	17.82	17.66
Wyoming	0.77	1.22	4.24	2.20	0.45	3.47	1.43
Guam	NA	NA	0.70	1.45	NA	NA	NA
Puerto Rico	NA	NA	0.44	4.73	NA	NA	NA
Virgin Isl.	NA	NA	72.29	41.86	NA	NA	NA
Unident. States	NA	2.63	20.18	30.92	NA	NA	NA

Source: Table 6, "Trainees Enrolled by Race Minority Groups, and by Training Occupation", U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973.

Table 114 - Enrollment of American Indians in USDL Programs as a Percent of Total USDL Enrollment Compared with American Indian Population as a Percent of Total Population 1970-71, 1971-72 and 1972-73

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States	Percent of American Indians in Total Population	Percent of American Indians in USDL Programs			Difference Between Percent of American Indians in USDL Programs and American Indians in Total Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	0.39	2.47	2.63	3.34	2.08	2.24	[illegible].95
Alabama	0.07	0.10	0.22	0.26	0.03	0.15	0.19
Alaska	5.42	1.64	42.02	53.08	-3.78	[illegible].60	47.66
Arizona	5.41	28.01	22.06	23.51	22.60	16.65	18.10
Arkansas	0.10	0.16	0.16	0.22	0.06	0.06	0.12
California	0.46	1.66	1.14	2.44	1.20	0.68	1.98
Colorado	0.40	2.46	4.27	2.37	2.06	3.87	1.97
Connecticut	0.07	0.03	0.23	0.13	-0.04	0.16	0.06
Delaware	0.12	0.36	0.00	0.17	0.24	-0.12	0.05
Dist. of C.	0.13	0.13	0.23	0.34	0.00	0.10	0.41
Florida	0.10	0.07	0.41	0.37	-0.03	0.31	0.27
Georgia	0.05	0.12	0.07	0.14	0.07	0.02	0.09
Hawaii	0.15	0.00	0.05	0.07	-0.15	-0.10	-0.08
Idaho	0.94	8.85	10.41	12.26	7.91	9.47	11.32
Illinois	0.10	0.56	1.56	0.26	0.46	1.46	0.16
Indiana	0.07	0.07	0.10	0.27	0.00	0.03	0.20
Iowa	0.11	1.32	0.68	0.74	1.21	0.57	0.63
Kansas	0.39	0.92	0.71	2.32	0.53	0.32	1.93
Kentucky	0.05	0.06	0.08	0.12	0.01	0.03	0.07
Louisiana	0.15	0.22	0.18	0.35	0.07	0.03	0.20
Maine	0.22	11.46	0.92	1.84	11.24	0.70	1.62
Maryland	0.11	0.26	0.24	0.45	0.15	0.13	0.34
Massachusetts	0.08	0.23	0.33	0.50	0.15	0.25	0.42
Michigan	0.19	0.73	1.90	2.97	0.54	1.71	2.78
Minnesota	0.61	6.60	7.81	8.52	5.99	7.20	7.91
Mississippi	0.19	1.02	1.68	1.38	0.83	1.49	1.19
Missouri	0.12	0.17	0.25	0.37	0.05	0.13	0.25
Montana	3.91	22.32	22.03	16.28	18.41	18.12	12.37
Nebraska	0.45	6.43	11.14	10.05	5.98	10.69	9.60
Nevada	1.62	13.32	13.13	6.58	11.70	11.51	4.96
New Hampshire	0.05	0.00	1.15	0.29	-0.05	1.10	0.24
New Jersey	0.07	0.05	0.30	0.52	-0.02	0.23	0.45
New Mexico	7.16	7.39	17.44	41.84	0.23	10.28	34.68
New York	0.16	0.86	0.49	0.88	0.70	0.33	0.72
N. Carolina	0.87	2.55	2.77	4.34	1.68	1.90	3.47
N. Dakota	2.33	14.57	16.00	25.00	12.24	13.67	22.67
Ohio	0.06	0.09	0.28	0.12	0.03	0.22	0.06
Oklahoma	3.85	9.90	10.18	11.64	6.05	6.33	7.79
Oregon	0.65	2.73	4.10	3.24	2.08	3.48	2.59
Pennsylvania	0.05	0.19	0.27	0.25	0.14	0.22	0.20
Rhode Island	0.15	0.18	0.19	0.44	0.03	0.04	0.29
S. Carolina	0.09	0.23	0.08	0.10	0.14	-0.01	0.01
S. Dakota	4.86	53.06	32.53	43.46	48.20	27.67	38.60
Tennessee	0.06	0.08	0.90	0.23	0.02	0.84	0.17
Texas	0.16	0.22	0.34	0.43	0.06	0.18	0.27
Utah	1.06	15.26	8.11	23.86	14.10	7.05	[illegible]
Vermont	0.05	0.00	0.95	0.18	-0.05	0.90	0.13
Virginia	0.10	0.00	0.11	0.31	-0.10	0.01	0.21
Washington	0.98	11.56	9.56	9.88	10.58	8.58	8.90
W. Virginia	0.04	0.00	1.07	0.29	-0.04	1.03	0.25
Wisconsin	0.43	8.15	5.03	5.62	7.72	4.60	5.19
Wyoming	1.50	6.72	6.84	18.41	5.22	5.34	16.91
Guam	NA	NA	0.35	0.72	NA	NA	NA
Puerto Rico	NA	NA	0.12	0.39	NA	NA	NA
Virgin Isl.	NA	NA	0.00	0.00	NA	NA	NA
Unident. States	NA	0.25	3.52	[illegible].78	NA	NA	NA

Source: Table 8B, "Trainees Enrolled by Race Minority Groups, and by Training Occupation", U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973.

Table 115 - Enrollment of Orientals in USDL Programs as a Percent of Total USDL Enrollment Compared with Oriental Population as a Percent of Total Population, 1970-71, 1971-72 and 1972-73

States	Percent of Orientals in the Total Population	Percent of Orientals Enrolled in USDL Programs			Difference Between Percent of Orientals in USDL Programs and Percent of Orientals in Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	0.51	0.46	0.48	0.65	-0.05	-0.03	0.14
Alabama	0.05	0.03	0.12	0.00	-0.02	0.07	-0.05
Alaska	0.38	0.00	0.76	0.78	-0.38	0.37	0.40
Arizona	0.35	0.29	0.22	0.22	-0.06	-0.13	-0.13
Arkansas	0.07	0.00	0.02	0.00	-0.07	-0.05	-0.07
California	1.92	1.62	1.50	2.74	-0.30	-0.42	0.82
Colorado	0.42	0.35	0.38	0.17	-0.07	-0.04	-0.25
Connecticut	0.13	0.17	0.28	0.06	0.04	0.15	-0.07
Delaware	0.17	0.00	0.22	0.00	-0.17	0.05	-0.17
Dist. of C.	0.43	0.13	0.04	0.09	-0.30	-0.39	-0.34
Florida	0.11	0.03	0.08	0.06	-0.08	-0.03	-0.05
Georgia	0.07	0.10	0.12	0.14	0.03	0.05	0.07
Hawaii	35.05	30.86	23.21	20.64	-4.19	11.84	-14.41
Idaho	0.39	0.21	1.22	0.22	-0.18	0.83	-0.17
Illinois	0.29	0.12	0.06	0.06	-0.17	-0.23	-0.23
Indiana	0.08	0.02	0.13	0.00	-0.06	0.05	-0.08
Iowa	0.07	0.06	0.1[illegible]	0.12	-0.01	0.04	0.05
Kansas	0.13	0.10	0.37	0.26	-0.03	0.24	0.13
Kentucky	0.05	0.00	0.11	0.09	-0.05	0.06	0.04
Louisiana	0.07	0.03	0.04	0.00	-0.04	-0.03	-0.07
Maine	0.06	0.09	0.00	0.00	0.03	-0.06	-0.06
Maryland	0.26	0.07	0.04	0.14	-0.19	-0.22	-0.12
Massachusetts	0.32	0.21	0.18	1.99	-0.11	-0.14	1.[illegible]7
Michigan	0.13	0.07	0.08	0.10	-0.06	-0.05	-0.03
Minnesota	0.13	0.16	0.22	0.24	0.03	0.09	0.11
Mississippi	0.09	0.00	0.00	0.09	-0.09	-0.09	0.00
Missouri	0.11	0.04	0.04	0.02	-0.07	-0.07	-0.09
Montana	0.12	0.10	0.19	0.22	-0.02	0.07	0.10
Nebraska	0.13	0.00	0.13	0.00	-0.13	0.00	-0.13
Nevada	0.42	0.12	0.16	0.29	-0.30	-0.26	-0.13
New Hampshire	0.11	0.26	0.00	0.00	0.15	-0.11	-0.11
New Jersey	0.21	0.20	0.32	0.25	-0.01	0.11	0.04
New Mexico	0.15	0.00	0.09	0.19	-0.15	-0.06	0.04
New York	0.56	0.86	0.43	0.20	0.30	-0.13	-0.36
N. Carolina	0.07	0.11	0.09	0.21	0.04	0.02	0.14
N. Dakota	0.07	0.00	0.09	0.00	-0.07	0.02	-0.07
Ohio	0.10	0.05	0.08	0.07	-0.05	-0.02	-0.03
Oklahoma	0.09	0.05	0.31	0.19	-0.04	0.22	0.10
Oregon	0.64	0.35	0.66	0.32	-0.29	0.02	-0.32
Pennsylvania	0.11	0.10	0.08	0.04	-0.01	-0.03	-0.07
Rhode Island	0.18	0.09	0.00	0.29	-0.09	-0.18	0.11
S. Carolina	0.05	0.11	0.03	0.00	0.06	-0.02	-0.05
S. Dakota	0.06	0.00	0.82	0.11	-0.06	0.76	0.05
Tennessee	0.07	0.05	0.06	0.15	-0.02	-0.01	0.08
Texas	0.13	0.12	0.16	0.17	-0.01	0.03	0.04
Utah	0.57	0.40	0.27	0.08	-0.17	-0.30	-0.49
Vermont	0.07	0.15	0.00	0.00	0.08	-0.07	-0.07
Virginia	0.14	0.02	0.17	0.17	-0.12	0.03	0.03
Washington	0.87	0.82	1.19	2.37	-0.05	0.32	1.50
W. Virginia	0.04	0.00	0.00	0.00	-0.04	-0.04	-0.04
Wisconsin	0.12	0.13	0.06	0.08	0.01	-0.06	-0.04
Wyoming	0.26	0.40	0.14	0.27	0.14	-0.12	0.01
Guam	NA	NA	0.70	0.00	NA	NA	NA
Puerto Rico	NA	NA	0.06	0.10	NA	NA	NA
Virgin Isl.	NA	NA	0.00	0.00	NA	NA	NA
Unident. States	NA	0.12	0.36	0.49	NA	NA	NA

Source: Table 66, "Trainees Enrolled by Race Minority Groups, and by Training Occupation", U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973.

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Table 116 - Enrollment of Others in USDL Programs as a Percent of Total USDL Enrollment Compared with Other Population as a Percent of Total Population, 1970-71, 1971-72 and 1972-73

States	Percent of Others in Total Population	Percent of Others in USDL Programs			Difference Between Percent of Others in USDL Programs and Others in Total Population		
	1970 Census	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	87.99	62.89	63.74	61.37	-25.10	-24.25	-26.62
Alabama	73.65	51.73	46.35	38.72	-21.92	-27.30	-34.93
Alaska	91.23	97.69	53.72	40.57	6.46	-37.51	-50.66
Arizona	91.26	59.70	58.21	57.32	-31.56	-33.05	-33.94
Arkansas	81.50	67.65	60.70	56.77	-13.85	-20.80	-24.73
California	90.61	66.90	72.84	66.09	-23.71	-17.77	-24.52
Colorado	96.17	83.00	83.40	81.73	-13.17	-12.77	-14.44
Connecticut	93.82	63.78	59.70	59.09	-30.04	-34.12	-34.73
Delaware	85.43	32.78	38.00	40.68	-52.65	-47.43	-44.75
Dist. of C.	28.37	24.86	10.24	14.70	-3.51	-18.13	-13.67
Florida	84.45	52.45	40.08	43.02	-32.00	-44.37	-41.43
Georgia	74.01	60.42	55.74	50.78	-13.59	-18.27	-23.23
Hawaii	63.82	67.69	67.09	71.38	3.87	3.27	7.56
Idaho	98.38	87.65	78.87	85.51	-10.73	-19.51	-12.87
Illinois	86.78	48.08	41.70	45.86	-38.70	-45.08	-40.92
Indiana	92.96	54.87	55.97	50.52	-38.09	-36.99	-42.34
Iowa	98.67	89.97	89.18	84.91	-8.70	-9.49	-13.76
Kansas	94.73	76.23	74.53	74.94	-18.50	-20.20	-19.79
Kentucky	92.73	79.62	81.98	84.50	-13.11	-10.75	-8.23
Louisiana	69.94	57.97	49.14	41.18	-11.97	-20.80	-28.76
Maine	99.44	88.14	97.88	97.67	-11.30	-1.56	-1.77
Maryland	81.80	46.20	34.41	32.64	-35.60	-47.39	-49.16
Massachusetts	96.51	81.21	74.34	71.80	-15.30	-22.17	-24.71
Michigan	88.51	72.21	64.55	71.13	-16.30	-23.96	-17.38
Minnesota	98.34	85.80	85.81	83.48	-12.54	-12.53	-14.86
Mississippi	62.93	53.37	38.56	41.11	-9.56	-24.37	-21.82
Missouri	89.51	66.94	63.10	57.22	-22.57	-26.41	-32.29
Montana	95.68	77.27	68.79	82.28	-18.41	-26.89	-13.40
Nebraska	96.74	80.80	65.60	60.49	-15.94	-31.14	-36.25
Nevada	92.28	69.46	58.35	64.33	-22.82	-33.93	-27.95
New Hampshire	99.31	99.39	99.11	98.55	0.08	-0.40	-0.96
New Jersey	88.98	50.45	47.61	50.53	-38.53	-41.37	-38.45
New Mexico	90.76	88.53	77.78	74.50	-2.23	-12.98	-16.26
New York	87.39	52.26	59.76	52.37	-35.13	-27.63	-35.02
N. Carolina	76.89	57.65	49.48	53.14	-19.24	-27.41	-23.75
N. Dakota	97.20	85.25	80.62	74.36	-11.95	-16.58	-22.84
Ohio	90.72	57.28	55.53	51.53	-33.44	-35.19	-39.19
Oklahoma	89.34	69.63	66.89	67.61	-19.71	-22.45	-21.73
Oregon	97.46	80.79	87.54	81.62	-16.67	-9.92	-15.84
Pennsylvania	91.23	65.03	61.48	57.84	-26.20	-29.75	-33.39
Rhode Island	96.99	83.94	71.10	63.32	-13.05	-25.89	-33.67
S. Carolina	69.40	53.11	39.29	38.06	-16.29	-30.11	-31.34
S. Dakota	94.83	46.73	60.95	56.19	-48.10	-33.88	-38.64
Tennessee	84.04	54.22	57.87	60.22	-29.82	-26.17	-23.82
Texas	87.22	28.35	70.05	68.50	-58.87	-17.17	-18.72
Utah	97.75	81.55	86.55	73.20	-16.20	-11.20	-24.55
Vermont	99.71	99.52	99.05	98.92	-0.19	-0.66	-0.79
Virginia	81.23	66.37	[illegible]	59.83	-14.86	-25.72	-21.40
Washington	96.06	75.91	76.58	73.70	-20.15	-19.48	-22.36
W. Virginia	96.03	93.32	93.36	91.72	-2.71	-2.67	-4.31
Wisconsin	96.55	67.51	74.19	73.75	-29.04	-22.36	-22.80
Wyoming	97.47	91.64	88.78	79.12	-5.83	-8.69	-18.35
Guam	NA	NA	98.25	97.83	NA	NA	NA
Puerto Rico	NA	NA	99.41	94.79	NA	NA	NA
Virgin Isl.	NA	NA	27.72	58.14	NA	NA	NA
Unident. States	NA	96.97	73.34	62.82	NA	NA	NA

Source: Table 86, "Trainees Enrolled by Race Minority Groups, and by Training Occupation" U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973.

Table 117 - Numbers and Percent of Persons Receiving Vocational Education and Occupationally Reported Manpower Training in Federally Reported Programs 1970-71, 1971-72 and 1972-73

States	Persons Receiving Training in Federally Reported Programs			Vocational Education Enrollment		
	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
U.S. TOTAL	10,917,282	11,936,015	12,214,354	10,485,255	11,589,949	12,064,761
Alabama	157,214	172,289	189,273	153,571	166,498	186,197
Alaska	14,394	22,681	25,950	13,228	20,946	24,927
Arizona	95,893	108,667	137,224	88,880	103,644	134,991
Arkansas	115,111	120,997	121,485	109,051	115,683	119,232
California	1,257,446	1,276,783	1,240,133	1,218,055	1,233,920	1,227,782
Colorado	116,984	105,785	111,758	108,391	101,521	109,399
Connecticut	139,707	179,718	183,320	133,548	175,036	180,233
Delaware	37,283	44,356	49,515	36,382	43,427	48,929
Dist. of C.	16,859	13,421	17,345	11,148	10,813	16,229
Florida	470,925	613,668	712,516	461,539	604,878	709,006
Georgia	282,017	312,333	347,653	272,202	305,604	344,077
Hawaii	46,723	46,996	44,523	44,502	45,100	43,094
Idaho	32,369	35,097	37,594	30,420	33,455	36,697
Illinois	1,245,353	1,390,305	1,095,923	1,227,842	1,379,714	1,090,622
Indiana	138,545	159,[illegible]11	160,653	131,338	154,556	157,352
Iowa	132,686	138,009	164,138	127,911	133,442	162,508
Kansas	101,831	110,219	101,566	97,130	105,029	98,082
Kentucky	153,006	171,122	188,668	145,324	164,869	185,319
Louisiana	180,193	180,921	186,762	174,403	176,387	185,038
Maine	26,653	32,276	41,145	23,464	29,872	40,331
Maryland	170,787	220,792	234,902	162,761	215,114	232,013
Massachusetts	135,485	172,629	180,419	121,950	163,799	176,058
Michigan	333,404	354,104	355,150	320,055	342,985	351,073
Minnesota	293,773	308,427	299,698	286,202	301,451	296,424
Mississippi	112,431	121,766	128,281	106,512	115,285	125,970
Missouri	159,219	177,592	107,487	150,256	168,509	103,480
Montana	29,715	35,773	34,072	27,328	34,184	33,169
Nebraska	68,638	76,226	85,122	65,318	73,857	83,978
Nevada	20,381	23,169	36,743	18,655	21,935	36,059
New Hampshire	45,507	36,302	39,172	44,174	35,174	38,483
New Jersey	346,013	353,493	367,575	329,787	342,404	363,506
New Mexico	56,579	60,177	67,594	52,605	57,018	65,978
New York	864,605	940,657	959,793	831,822	919,921	952,762
N. Carolina	424,705	497,195	549,359	415,849	487,393	544,615
N. Dakota	27,451	33,731	37,378	26,215	32,637	36,910
Ohio	434,817	460,410	593,528	416,977	447,157	586,682
Oklahoma	112,797	114,766	115,545	104,885	108,018	112,365
Oregon	117,847	138,744	131,661	111,824	134,674	129,811
Pennsylvania	367,445	344,019	363,184	337,835	327,458	356,300
Rhode Island	21,089	21,601	25,849	18,370	19,992	25,162
S. Carolina	107,279	117,195	127,756	102,372	111,142	125,801
S. Dakota	26,930	27,827	30,235	25,373	26,370	29,363
Tennessee	151,549	160,943	167,006	143,572	152,761	163,064
Texas	633,254	668,578	720,497	608,252	647,879	711,036
Utah	112,291	117,775	107,289	108,799	113,187	106,013
Vermont	15,077	18,524	19,329	13,441	16,953	18,773
Virginia	308,790	341,756	374,695	301,904	336,383	371,815
Washington	241,168	266,059	266,243	230,985	257,836	262,871
W. Virginia	66,190	67,142	64,791	59,214	63,502	63,752
Wisconsin	198,057	261,539	304,524	189,749	253,495	301,907
Wyoming	17,334	20,517	20,312	16,511	19,786	19,948
Guam	NA	286	138	NA	NA	NA
Puerto Rico	127,374	138,100	140,612	127,374	134,896	139,575
Virgin Isl.	NA	249	43	NA	NA	NA
Am. Samoa	NA	NA	NA	NA	NA	NA
Unident. States	8,089	2,498	1,229	NA	NA	NA

Source: Table 95, "Trainees Enrolled by Race Minority Groups, and by Training Occupation", U.S. Department of Labor, Manpower Administration, Washington, D.C., FY 1973.

U.S. Office of Education Form 3138, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1972 and FY 1973.

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Percent of Total			Manpower Enrollment			Percent of Total		
1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973	1970-1971	1971-1972	1972-1973
96.04	97.10	98.78	432,027	346,066	149,593	3.96	2.90	1.22
97.68	96.64	98.37	3,643	5,791	3,076	2.32	3.36	1.63
91.90	95.35	96.06	1,166	1,735	1,023	8.10	7.65	3.94
92.69	95.38	98.37	7,013	5,023	2,233	7.31	4.62	1.63
94.74	95.77	98.15	6,060	3,114	2,253	5.26	4.23	1.85
96.87	96.64	99.00	39,391	42,863	12,351	3.13	3.36	1.00
92.65	95.97	97.89	8,393	4,264	2,359	7.35	4.03	2.11
95.59	97.39	98.32	6,159	4,682	3,087	4.41	2.61	1.68
97.58	97.91	98.82	901	929	585	2.42	2.09	1.18
86.12	80.57	93.57	5,711	2,608	1,116	33.88	19.43	6.43
98.01	98.57	99.51	9,386	8,790	3,510	1.99	1.43	0.49
96.52	97.85	98.97	9,815	6,729	3,576	3.48	2.15	1.03
99.25	95.97	96.79	2,221	1,896	1,429	4.75	4.03	3.21
93.98	95.32	97.61	1,949	1,642	897	6.02	4.68	2.39
98.59	99.24	99.52	17,511	10,591	3,301	1.41	0.76	0.48
94.80	[illegible].71	97.95	7,207	5,255	3,301	5.20	3.29	2.05
96.40	96.69	99.01	4,775	4,567	1,630	3.60	3.31	0.99
95.38	95.29	96.57	4,701	5,190	3,484	2.62	4.71	3.43
94.98	96.35	98.22	7,683	6,253	3,349	5.02	3.65	1.78
96.79	97.49	99.08	5,790	4,554	1,724	3.21	2.51	0.92
88.04	92.55	98.02	3,189	2,404	814	11.96	7.45	1.98
95.30	97.52	98.77	8,026	5,478	2,889	4.70	2.48	1.23
98.01	94.88	97.58	13,535	8,830	4,361	9.99	5.12	2.42
96.00	96.86	98.85	13,349	11,119	4,077	4.00	3.14	1.15
97.42	97.74	98.91	7,571	6,976	3,274	2.58	2.26	1.09
94.74	94.68	98.20	5,919	6,481	2,311	5.26	5.32	1.80
94.37	94.89	96.27	8,963	9,083	4,007	5.63	5.11	3.73
91.97	95.56	97.35	2,387	1,589	903	8.03	4.44	2.65
95.16	96.8[illegible]	98.66	3,320	2,369	1,144	4.84	3.31	1.34
91.53	94.67	98.14	1,726	1,234	584	8.47	5.33	1.86
97.07	96.89	98.24	1,333	1,17[illegible]	689	2.93	3.11	1.76
95.31	96.86	98.89	1[illegible],226	11,089	4,069	4.69	3.14	1.11
92.98	94.75	97.61	3,[illegible]	3,159	1,616	7.02	5.25	2.19
96.21	97.80	99.27	32,78[illegible]	20,736	7,031	3.79	2.20	0.73
97.91	98.03	99.14	8,856	9,802	4,744	2.09	1.97	0.86
95.50	96.76	98.73	1,236	1,094	468	4.50	3.24	1.25
95.90	97.17	98.85	17,840	13,253	6,848	4.10	2.88	1.15
92.99	94.12	97.25	7,912	6,748	3,180	7.01	5.88	2.75
94.89	97.07	98.59	6,023	4,070	1,850	5.11	2.93	1.41
91.94	95.19	98.10	29,616	16,561	6,884	8.06	4.81	1.90
87.11	92.55	97.34	2,719	1,609	687	12.89	7.45	2.66
95.43	94.84	98.47	4,907	4,053	1,955	4.57	5.16	1.53
94.15	94.76	97 12	[illegible],577	1,457	872	5.85	5.24	2.88
94.74	94.92	97.64	7,977	8,182	3,942	5.26	5.08	2.36
96.05	96.90	99.69	25,002	20,699	9,461	3.95	3.10	1.31
96.89	97.80	98.81	3,492	2,588	1,276	3.11	2.20	1.19
89.15	91.52	97.[illegible]	1,636	1,571	556	10.85	8.48	2.88
97.77	98.43	99.23	6,886	5,373	2,880	2.23	1.57	0.77
95.78	96.91	98 73	10,183	8,223	3,372	4.22	3.09	1.27
89.46	94.38	98.40	6,976	3,640	1,039	10.54	5.42	1.60
[illegible]	96.92	99.14	8,306	8,044	2,617	4.19	3.08	0.86
95.25	96.44	98.21	823	731	364	4.75	3.56	1.79
NA	NA	NA	NA	286	138	NA	100.00	100.00
100.00	97.68	99.26	NA	3,204	1,037	NA	2.32	0.74
NA	NA	NA	NA	249	43	NA	100.00	100.00
NA	NA	NA	NA	NA	NA	NA	100.00	NA
NA	NA	NA	8,089	2,498	1,229	100.00	100.00	100.00

Table 118 - Federal Expenditures for Vocational Education and Allocations for MDTA and EOA Programs as a Percent of Total Federal Expenditures/Allocations, 1970-71, 1971-72 and 1972-73

States	Percent of Total Federal Expenditures for Vocational Education			Percent of Federal Allocations for MDTA			Percent of Federal Allocations for EOA		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	31.8	31.4	37.7	27.1	28.7	29.9	41.2	40.0	32.4
Alabama	41.3	40.2	44.9	18.5	25.8	20.1	40.1	34.9	35.0
Alaska	18.9	17.0	24.0	53.1	37.1	39.5	28.1	45.9	36.4
Arizona	23.2	27.1	30.8	30.1	21.4	19.5	46.7	51.4	49.6
Arkansas	33.4	34.0	35.6	26.2	20.5	26.4	40.4	45.5	38.0
California	23.9	26.5	35.9	30.9	33.2	32.3	45.2	40.3	32.1
Colorado	28.0	27.0	47.3	30.4	26.4	25.5	41.6	46.6	27.1
Connecticut	25.9	23.7	34.8	30.2	38.0	36.1	43.8	38.3	29.2
Delaware	36.6	32.9	39.6	38.9	43.2	45.7	24.4	23.9	15.3
Dist. of C.	5.6	NA	NA	53.6	48.8	NA	40.9	51.3	NA
Florida	41.7	46.4	54.8	19.4	14.7	21.2	38.9	38.9	24.1
Georgia	43.9	53.2	50.6	21.8	22.2	23.4	32.3	24.7	26.0
Hawaii	29.5	32.5	36.3	22.3	33.3	30.4	48.0	32.0	33.2
Idaho	37.7	38.6	50.0	36.0	45.9	34.7	26.3	15.5	15.2
Illinois	36.0	33.7	38.4	28.1	31.7	32.1	35.7	34.6	28.8
Indiana	48.6	47.6	46.4	24.1	21.4	21.3	27.3	31.0	31.7
Iowa	36.1	36.3	49.9	30.2	29.7	23.3	33.7	34.0	26.7
Kansas	39.6	37.2	49.4	29.2	38.9	28.4	31.2	24.0	22.3
Kentucky	24.9	26.4	30.0	16.8	16.9	17.4	58.3	56.7	52.6
Louisiana	42.7	45.5	50.2	23.4	25.4	25.7	33.9	29.2	24.1
Maine	28.4	26.7	38.2	17.5	21.8	20.3	54.1	51.5	40.9
Maryland	33.0	30.1	43.2	24.3	32.7	26.5	47.1	37.2	30.2
Massachusetts	26.5	25.1	38.1	24.9	25.1	24.6	48.5	49.8	37.4
Michigan	38.2	23.1	42.1	29.7	35.5	32.8	34.1	41.4	25.2
Minnesota	30.9	33.1	35.6	27.2	25.6	23.3	41.8	41.3	40.6
Mississippi	32.1	37.5	36.2	22.6	23.8	22.6	45.4	38.7	41.4
Missouri	31.2	34.6	40.7	24.8	27.1	20.5	43.9	38.3	38.8
Montana	30.2	29.9	37.6	30.6	23.0	30.2	39.2	47.1	32.3
Nebraska	31.6	29.3	46.1	24.2	40.2	25.0	38.2	30.4	28.3
Nevada	20.0	24.8	26.5	27.4	28.0	36.9	52.6	47.3	36.6
New Hampshire	35.2	37.1	45.4	22.8	27.7	19.1	42.1	35.3	35.6
New Jersey	31.5	27.5	31.7	32.4	37.8	32.9	36.1	34.7	35.3
New Mexico	24.9	24.4	26.4	16.6	21.3	27.4	58.5	54.4	16.2
New York	29.7	28.7	36.6	35.2	31.5	38.3	35.1	39.8	25.1
N. Carolina	42.1	47.5	30.7	17.5	20.9	17.6	40.3	31.6	31.7
N. Dakota	42.2	34.0	42.5	29.0	35.6	28.0	28.8	30.4	29.5
Ohio	39.9	33.4	44.2	23.1	27.7	22.2	37.0	39.0	33.6
Oklahoma	34.1	39.0	37.4	23.0	24.2	22.1	43.0	36.8	40.4
Oregon	34.6	29.9	38.6	28.0	24.2	29.9	37.4	45.9	31.5
Pennsylvania	36.6	38.3	39.8	28.9	27.7	34.4	34.5	34.1	25.7
Rhode Island	27.4	24.9	41.8	36.8	31.6	24.0	36.8	43.5	34.3
S. Carolina	38.9	42.1	44.6	19.5	24.2	18.5	41.6	33.7	36.9
S. Dakota	35.1	27.6	40.8	25.6	17.5	25.3	39.3	54.9	33.9
Tennessee	34.5	34.1	42.6	21.0	23.5	22.9	44.5	42.4	34.5
Texas	34.1	37.6	50.1	25.3	20.2	17.8	39.7	42.2	32.2
Utah	37.0	30.0	27.7	36.5	29.6	27.3	26.7	40.4	45.0
Vermont	34.6	24.1	37.2	33.3	36.1	32.4	32.2	39.8	30.6
Virginia	41.9	44.2	46.5	25.7	24.1	21.1	32.4	31.7	32.4
Washington	25.8	25.3	35.7	20.4	29.1	42.2	[illegible]	45.6	22.1
W. Virginia	25.1	28.4	44.4	30.6	25.3	18.9	44.6	46.3	36.7
Wisconsin	37.9	34.3	[illegible]	29.5	26.2	30.6	[illegible]	37.6	26.7
Wyoming	40.0	33.0	44.0	47.4	42.8	41.7	[illegible]	26.2	[illegible]
Puerto Rico	37.7	38.5	[illegible]	30.4	17.8	[illegible]	[illegible]	43.7	[illegible]

Source: U.S. Office of Education Form 3131, U.S. Department of Health, Education, & Welfare, Washington, D.C., FY 1971, 1972 and 1973.

Manpower Report of the President, U.S. Department of Labor, Washington, D.C., 1972, 1973, 1974.

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Table 11[illegible]- Average Federal Expenditure/Allocation Per Student or Trainee in Vocational Education, MDTA and WIN Programs, 1970-71, 1972-73 and 1972-73

States	Average Federal Expenditure/Allocation Per Student or Trainee in Vocational Education, MDTA and WIN Programs			Federal Expenditure Per Student in Vocational Education			National Allocation Per Trainee in MDTA			Federal Allocation Per Trainee for WIN		
	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73	1970-71	1971-72	1972-73
U.S. TOTAL	133.54	121.07	206.[illegible]	28.70	[illegible]	38.31	1,677.00	2,028.[illegible]	3,430.00	2,171.00	4,328.24	6,490.42
Alabama	108.82	150.65	171.[illegible]	36.68	60.70	[illegible]	1,940.00	1,863.55	2,893.84	13,793.00	4,037.93	3,400.94
Alaska	254.70	96.30	157.17	[illegible]	23.09	[illegible]	1,[illegible]89.00	2,311.[illegible]	4,088.77	2,069.00	2,786.20	2,250.00
Arizona	208.77	165.10	111.[illegible]	84.31	21.31	81.40	4,314.00	4,358.63	4,640.06	2,244.00	5,834.49	4,955.74
Arkansas	112.54	140.00	170.28	40.71	16.45	65.71	1,804.00	3,091.76	4,872.47	1,349.00	3,355.98	1,801.31
California	96.96	110.73	184.00	23.96	30.60	15.02	2,515.00	2,229.45	4,843.60	2,317.00	2,609.77	6,201.32
Colorado	[illegible]	171.63	[illegible]	51.20	[illegible]	[illegible]	3,544.00	2,477.73	1,827.06	1,479.00	6,892.31	4,695.08
Connecticut	116.29	90.56	[illegible]	11.15	[illegible]	[illegible]	1,714.65	2,083.07	2,498.97	2,107.00	3,664.71	7,332.34
Delaware	82.11	93.85	36.04	[illegible]	[illegible]	[illegible]	2,120.00	1,123.14	6,401.29	2,148.00	4,551.89	2,067.40
Dist. of C.	1,748.00	[illegible]	NA	[illegible]	NA	NA	22,106.00	11,819.29	3,200.00	3,032.00	8,873.11	13,167.93
Florida	89.[illegible]	31.87	37.81	26.17	25.47	10.80	1,374.00	4,123.37	3,110.20	1,927.00	2,680.10	3,868.22
Georgia	90.00	92.99	70.18	[illegible]	[illegible]	30.18	1,645.00	[illegible]	2,363.26	1,906.00	4,631.69	5,628.45
Hawaii	135.87	[illegible]	173.41	[illegible]	96.1[illegible]	[illegible]	2,370.00	1,511.08	1,630.43	2,036.00	7,648.96	5,083.36
Idaho	229.68	199.60	139.46	40.05	79.20	[illegible]	1,806.00	4,251.19	2,264.13	1,234.00	1,286.96	3,302.88
Illinois	[illegible]	[illegible]	60.47	13.79	[illegible]	[illegible]	1,571.00	2,470.12	4,092.55	2,867.00	4,733.62	6,376.24
Indiana	147.10	[illegible]	148.20	27.42	[illegible]	[illegible]	1,187.00	2,855.26	2,413.62	1,809.00	3,600.14	6,607.71
Iowa	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,474.00	[illegible]	[illegible]	2,590.00	3,325.34	8,627.16
Kansas	164.36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,165.00	1,475.13	1,059.96	2,042.00	2,500.37	4,398.21
Kentucky	170.49	[illegible]	153.01	[illegible]	[illegible]	[illegible]	1,387.00	1,165.13	9,912.76	3,175.00	3,716.33	7,677.50
Louisiana	178.23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,478.00	3,007.21	7,028.72	2,259.00	4,156.32	5,906.29
Maine	[illegible]	100.01	198.10	[illegible]	[illegible]	[illegible]	1,547.00	2,239.39	3,985.82	2,082.00	5,069.34	8,450.13
Maryland	[illegible]	106.[illegible]	149.28	[illegible]	[illegible]	[illegible]	1,041.00	1,165.22	3,130.98	1,599.00	3,595.66	3,027.50
Massachusetts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4,427.00	2,613.44	1,661.95	2,378.00	4,134.05	4,141.65
Michigan	[illegible]	[illegible]	131.32	[illegible]	[illegible]	[illegible]	1,866.00	1,204.41	4,866.14	2,149.00	5,773.94	13,421.90
Minnesota	86.92	97.10	[illegible]	27.40	[illegible]	[illegible]	2,737.00	2,550.51	4,795.60	1,808.00	4,538.92	7,964.67
Mississippi	238.77	102.96	[illegible]	33.58	[illegible]	[illegible]	1,425.00	1,215.57	3,693.30	2,003.00	3,963.75	3,496.88
Missouri	146.80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,642.00	1,319.07	3,635.91	2,698.00	3,340.50	6,645.10
Montana	212.9[illegible]	203.64	180.36	[illegible]	51.81	[illegible]	1,938.00	2,431.33	4,806.72	1,788.00	4,412.40	3,360.81
Nebraska	117.[illegible]	163.98	190.04	[illegible]	19.90	[illegible]	1,172.00	2,917.36	3,762.07	2,794.00	3,878.01	4,274.92
Nevada	121.71	204.90	[illegible]	[illegible]	[illegible]	[illegible]	1,148.00	1,902.10	5,374.13	2,703.00	4,427.79	4,773.84
New Hampshire	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,238.00	1,670.65	3,141.31	3,247.00	3,274.07	4,916.00
New Jersey	116.30	198.46	[illegible]	[illegible]	[illegible]	[illegible]	1,429.00	2,375.47	4,835.51	1,763.00	4,422.29	10,010.08
New Mexico	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,393.00	3,799.75	3,046.85	2,789.00	4,390.72	4,990.57
New York	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4,343.00	2,746.89	7,668.50	1,786.00	4,243.31	9,572.26
N. Carolina	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,220.00	1,001.80	1,910.64	2,740.00	3,508.77	5,874.10
N. Dakota	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,156.00	2,864.94	4,249.67	1,958.00	4,084.74	8,632.13
Ohio	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,079.00	1,907.09	2,892.94	3,036.00	2,968.03	8,636.44
Oklahoma	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,132.00	1,667.18	3,025.97	2,145.00	3,106.44	3,857.02
Oregon	100.67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,810.00	1,861.21	4,368.38	1,053.00	4,551.11	3,731.98
Pennsylvania	[illegible]	719.11	[illegible]	[illegible]	[illegible]	[illegible]	1,737.00	3,010.[illegible]	3,869.02	1,146.00	3,222.87	4,937.03
Rhode Island	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,589.00	2,046.18	4,670.79	1,001.00	1,489.13	3,755.05
S. Carolina	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,402.00	1,327.68	3,831.14	2,345.00	3,274.49	6,188.41
S. Dakota	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,405.00	1,732.99	3,836.93	1,887.00	6,289.26	3,444.28
Tennessee	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,428.00	1,250.91	3,521.27	2,512.00	3,937.68	4,880.50
Texas	[illegible]	109.13	[illegible]	[illegible]	[illegible]	[illegible]	1,366.00	2,106.[illegible]	4,664.28	1,895.00	1,663.31	4,100.08
Utah	64.61	[illegible]	140.29	[illegible]	[illegible]	[illegible]	1,333.00	3,277.04	3,991.00	937.00	3,352.07	13,801.07
Vermont	244.41	[illegible]	109.00	[illegible]	[illegible]	[illegible]	1,939.00	1,390.61	4,224.39	1,166.00	3,860.10	4,047.17
Virginia	[illegible]	85.77	60.[illegible]	[illegible]	[illegible]	[illegible]	1,745.00	2,671.39	3,736.91	1,494.00	4,843.37	4,159.[illegible]
Washington	118.19	137.04	[illegible]	[illegible]	[illegible]	[illegible]	1,384.00	3,114.79	4,376.41	2,596.00	3,309.97	3,612.[illegible]
W. Virginia	[illegible]	[illegible]	186.97	10.73	[illegible]	[illegible]	1,725.00	3,609.41	4,886.27	1,575.00	4,107.00	7,475.19
Wisconsin	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,314.00	1,552.40	3,544.31	1,249.00	4,082.71	6,361.86
Wyoming	141.41	[illegible]	179.17	36.40	[illegible]	[illegible]	[illegible]	[illegible]	2,919.36	490.00	2,806.10	4,511.76
Puerto Rico	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	NA	4,810.90	4,416.63	NA	16,878.36	15,327.58

Sources: U.S. Bureau of the Census [illegible], U.S. Department of Commerce, [illegible] 1975.

U.S. Office of Education [illegible], U.S. Department of Health, Education, and Welfare, Washington, D.C., FY 1973.

[illegible] U.S. Department of Labor, [illegible]

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[illegible]	[illegible]			[illegible]			[illegible]			[illegible]		
	1970-71	[illegible]	[illegible]	[illegible]	[illegible]	1971-73	1970-71	[illegible]	1972-73	[illegible]	[illegible]	1971-73
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2,155.00	[illegible]	4,326.24	6,490.47	[illegible]	2,164.19	4,317.42
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Table 121 - Comparison of MDTA Institutional Enrollment, Completions, Placement, and Average Hourly Wage Earned in Eighteen Occupational Groups, 1971-72 and 1972-73[1]

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Occupational Groups	MDTA Institutional Enrollment		Completions		Placement		Average Hourly Wage Earned	
	1971-72	1972-73	1971-72	1972-73	1971-72	1972-73	1971-72	1972-73
U.S. TOTAL	150,600	119,600	111,400	104,500	81,500	77,500	2.95	2.63
Agriculture	1,354	3,229	913	2,592	505	1,860	2.58	2.59
Marketing	1,385	9,747	1,103	8,548	807	7,240	3.67	2.84
Health	8,448	7,583	6,116	7,514	7,163	7,650	3.06	3.00
Food Service	2,740	7,953	1,961	6,761	1,198	5,077	2.48	2.47
Clerical - Accounting	10,225	12,523	7,765	10,596	6,398	9,487	2.94	2.84
Secretarial	4,788	1,244	2,941	1,223	2,714	1,016	2.98	2.57
Industrial - Mechanics	17,649	11,351	12,889	9,708	7,848	7,441	3.08	3.23
Construction	4,216	4,940	3,431	3,480	1,801	2,466	3.49	3.04
Electricity - Electronics	3,960	4,042	3,186	4,117	1,826	3,165	3.08	3.13
Metals	10,149	5,250	7,687	4,786	5,575	4,178	2.93	3.21
Child Care	256	1,518	234	1,035	187	807	1.00	2.22
Clothing	662	3,528	434	3,229	196	2,512	2.32	2.52
Drafting	571	131	368	115	147	102	3.59	2.68
Graphics	511	502	412	439	204	435	2.66	2.65
Service	2,906	14,064	2,239	11,652	970	9,100	2.87	2.82
Forest Products	30	120	11	52	8	0	3.20	0.00
Home Economics	135	1,387	123	1,317	163	892	3.21	2.41
Unclassified	80,615	30,488	59,587	27,336	43,790	14,074	3.09	3.04

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[1] The table from which these data were extracted is an analytical table designed to compare "enrollments," "completions", "placements," and "wages" for sex, race, age, etc., (or "horizontal" comparisons on the table), e.g., "whites earned $3.00 ah hour, vs. blacks who earned $2.60 an hour".

Also, the occupational distribution is valid for each group or cohort, as this was the initial selection -- reports by DOT.

However, "vertical" comparisons are not possible since we are dealing with 3 discrete cohorts, not 1. That is, reports for (a) those who enrolled in the year cited, (b) those who completed in the year cited, and (c) those who were placed in the year cited. In manpower programs we do not have a situation analogous to a school year, each year being neatly defined. Enrollments, etc., take place on a continuum and our fiscal year breaks are made arbitrarily for reporting needs. Thus, a person may enroll in FY 1972, complete in FY 1973, and be placed in FY 1974. In addition to this major difference there are also differences in the source of the data for each item, etc., etc.

Source: Follow-up of MDTA Institutional Trainees FY 1972 and FY 1973,
U.S. Department of Labor, Manpower Administration, Washington, D.C.

SECTION IV

Experimental Tables
1972 - 1973

SECTION IV

Experimental Tables
1972 - 1973

All of the Vocational Education data gathered annually for reporting purposes by the U.S. Office of Education and by approximately half of the States are aggregate data. They are tabulations by the States and local school districts in the form of prescribed reports. A growing number of State Vocational Education agencies, however, are now collecting non-aggregate enrollment and followup data. These are individual student files containing as many data elements as are thought to be needed. They are stored in great quantities on punch cards, magnetic tape, or other machine readable form for retrieval and tabulation by computer.

Non-aggregate data can be transmitted in their original machine readable form and combined with similar data from any number of educational institutions or agencies, provided the coding and storage format are identical. Even if these are not identical, computer programs are available or can be prepared in most cases to convert such data to a common coding and tape format.

Project Baseline has attempted to identify the essential Vocational Education and manpower training data elements which would be needed to supply in non-aggregate form a complete management information system. These are shown in Table 122 as column headings. The table itself identifies which data elements are currently available in each State in machine readable form.

The remainder of this section contains no information other than the 1972-73 results of a National experiment in collecting and analyzing non-aggregate data from State and local educational agencies. The objective is to determine if and how Vocational Education data can be made available in a form which permits greater accuracy, rapid transmission and updating, and relationships in the data not otherwise revealed. Each printout is explained, and the results of the experiment are given at the end of the section. Please Note: Data in the tables in this section are illustrative only; they are not to be used for information purposes.

The experiment made use of enrollment, completion and followup data on Vocational Education students collected and processed by automated information systems at the State or local school district level. The initial step in the procedure was for the State or school to extract by computer from each student's record a set of sixteen data items characterizing the student. Each State or school collects a variety of data on its students depending on its specific information needs. Approximately half of these items of data are common to all, and they are also of a nature necessary for decision-making at the National level. These common data items were the data extracted.

In the second step of the procedure State or school personnel made use of computers to convert their extracted data items to a standard record

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Table 122 - Current Collection of Thirty-Eight Essential Data Elements by Individual States

States		General Data Elements					Course Section Data Elements																																	
		1	2	3	4	5	6			7							8				9				10											11	12	13	14	15
							Type of Instruction			Federal Support Program Part							Purpose				Type				Instructional Level															
		Course I.D. No.	Sect. of Course I.D. No.	School I.D. No.	School Dist. I.D. No.	Prof. Personnel I.D. No.	Institutional	Cooperative	Work Experience	Part B	Part C	Part D	Part E	Part F	Part G	Part H	Orientation	Exploratory	Supplemental	Preparatory	Regular	Disadvantaged	Handicapped	Disv. & Handi.	7	8	9	10	11	12	13	14	Apprentice	Adult	Ungraded	Instructional Time	Direct Cost	Indirect Cost	Local Cost	State & Federal Cost
Alabama		CS		CP	CP	CP	C	C		C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C					
Arizona		CSP		CSP		CP	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	[illegible]	C	C					
Arkansas		CS	CS					C		C					C						C	C	C	C	C	C	C	C	C	C	C	C								
California						C									C	C																								
Colorado		CSP		CSP	CP	CP		C	C	C	C	C	C	C	C	C					C	C	C	C	C	C	C	C	C	C	C	C			C	C			C	C
Connecticut		C					C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C				C	C	C	C	C	C	C	C	C				C	C
Delaware		CP	CP	CS	CP	C		C																	C	C	C	C	C	C						C				
Florida		CS	C					C	C																											C				
Georgia		P	P	P																																				
Hawaii		CSP	CSP	CSP	CP	C	C	C	C	C	C	C		C	C	C					C	C	C	C			C	C	C	C						C	C			C
Illinois		C					C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							C	C	C	C			C	C	C	C
Indiana		CP	CP			C	C	C	C	C				C	C	C		C	C	C	C	C	C										C	C		C	C		C	C
Iowa		C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Kansas		S	S				C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C				
Kentucky	S/PS	C				C	C	C	C	C	C	C		C	C	C						C	C																	
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Maine		P	P	P	P	P																																		
Maryland		CSP				C		C		C	C	C	C	C	C	C					C	C	C	C	C	C	C	C	C	C	C	C	[illegible]	C		C				
Minnesota	S/A	CP	P	P	P	C	C	C	C										C	C	C	C	C	C	C	C	C	C	C	C		[illegible]	C	C					C	C
	PS	CP	P	P	P	C	C	C												C	C	C	C	C							C					C			C	C
Mississippi		C	C	CP	CP	C	C	C		C	C	C		C	C	C			C	C	C		C										C	C			C		C	C
Missouri		CSP	SP			C		C		C	C	C	C	C	C	C			C	C								C	C	C	C	C	C	C	C					
Montana		C																																		C				
New Hampshire		CP		P	P	C																			C	C	C	C	C	C						C				
New Mexico		CS	S					C		C		C		C	C	C					C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				
North Carolina	S/A	C					C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C		C	C	C	C	C	C				C	C					
	A	CS	CS	CS	C					C					C				C	C		C	C													C				
	PS	CS	CS	CS	C		C	C		C					C					C		C	C													C				
Ohio		CP	CP	CP	CP	C	C	C	C					C	C		C	C	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C	C				

Student Data Elements																																																								Professional Personnel Data Elements															
16	17	18	19 Grade Level											20 Type				21 Ethnic Group					22	23 End of Course Status				24 Achievement			25	26 Employment Status After Leaving										27 Employment Satisfaction			28 Vocational Preparation Evaluation					29	30	31 Employer Status				32	33	34 Ethnic Group					35	36	37	38 Position Classification					
																																Not Available for Employment						Employed Full Time																																	
File No.	Sex	Birth Date	7	8	9	10	11	12	13	14	Apprentice	Adult	Ungraded	Regular	Handicapped	Disadvantaged	Disv. & Hand.	American Indian	Negro	Oriental	Spanish American	Other	Student Zip Code	Left without Skill	Left with Skill	Completed Early by Exam	Completed Requirements	Upper Third	Middle Third	Lower Third	Vocational Club Member	Unknown	Military Service	Full Time Related Study	Full Time Non-Related Study	Personal Choice	Other Reason	Field Trained	Related Field	Other Field	Unemployed/Part Time Work	Highly Satisfied	Satisfied	Not Satisfied	Excellent	Good	Fair	Poor	No Value	Employability	Earnings	Self Employed	Relative	Government	Other	Sex	Birth Date	American Indian	Negro	Oriental	Spanish American	Other	Professional Preparation	Voc. Work Experience	Voc. Ed. Experience	Teacher	Administrator	Supervisor	Coordinator	Counselor	Placement Officer
S	S		S	S	S	S	S	S						S	S	S	S	S	S	S	S	S	S																																								P	P	P	P	P	P	P	P	
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Table 122 - continued

States		General Data Elements					Course Section Data Elements																																	
		1	2	3	4	5	6			7							8				9				10											11	12	13	14	15
							Type of Instruction			Federal Support Program Part							Purpose				Type				Instructional Level															
		Course I.D. No.	Sect. of Course I.D. No.	School I.D. No.	School Dist. I.D. No.	Prof. Personnel I.D. No.	Institutional	Cooperative	Work Experience	Part B	Part C	Part D	Part E	Part F	Part G	Part H	Orientation	Exploratory	Supplemental	Preparatory	Regular	Disadvantaged	Handicapped	Disav. & Handi.	7	8	9	10	11	12	13	14	Apprentice	Adult	Ungraded	Instructional Time	Direct Cost	Indirect Cost	Local Cost	State & Federal Cost
Oklahoma		CSP	CS			C	C	C	C								C	C	C	C	C	C	C	C			C	C	C	C	C	C		C			C	C	C	C
Oregon		SP	CSP			C		C	C						C																					C				
Pennsylvania		CSP		CSP	CP	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C	C	C
Rhode Island		CS	CS			C		C	C	C	C	C		C	C	C			C	C	C	C	C	C									C	C			C	C	C	C
Tennessee	S	CSP	CSP	CSP	CP	C		C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C				C			C	C	C	C
	St. Dept.	CS	S			C															C	C	C	C							C	C								
Texas		CSP	CSP		P	C		C	C	C					C		C	C	C	C	C	C	C																	
Utah	S/A	CS	CS	CS	C					C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C	C						C	C	C	C	C
	PS/A	CS	CS	CS	C		C	C		C	C	C	C	C	C	C			C	C		C	C								C	C	C	C		C	C	C	C	C
Virginia		CS	S					C		C								C	C	C		C	C			C	C	C	C	C			C	C	C					
Washington	S/A	CP	CP			C	C		C										C	C		C	C				C	C	C	C						C	C	C		
	PS	CS	CS	CS	CP	C		C											C	C											C	C	C	C						
West Virginia		CSP		CSP		C		C		C	C	C	C	C	C	C	C	C	C	C	C	C	C																	
Wisconsin	S	C	C	C	C		C	C	C	C	C	C	C	C	C	C		C		C	C	C	C							C						C			C	C
	PS/A	CSP		CSP	CP	C	C	C		C	C	C	C	C	C	C			C	C											C	C	C	C	C	C				

C - Data element collected for each section of a course
S - Data element collected for each student
P - Data element collected for professional personnel

** (S) Secondary Level of Instruction
** (PS) Post-Secondary level of Instruction
** (A) Adult Level of Instruction

[1] North Carolina
S/A - Includes adult programs operated in the secondary institutions
Adult - Includes adult programs operated by the post-secondary institutions

Student Data Elements																																																							Professional Personnel Data Elements															
16	17	18	19											20				21					22	23				24			25	26										27			28					29	30	31				32	33	34					35	36	37	38					
			Grade Level											Type				Ethnic Group						End of Course Status				Achievement				Employment Status After Leaving										Employment Satisfaction			Vocational Preparation Evaluation							Employer Status						Ethnic Group								Position Classification					
																																	Not Available for Employment					Employed Full Time																																						
File No.	Sex	Birth Date	7	8	9	10	11	12	13	14	Apprentice	Adult	Ungraded	Regular	Handicapped	Disadvantaged	Disv. & Handi.	American Indian	Negro	Oriental	Spanish American	Other	Student Zip Code	Left without Skill	Left with Skill	Completed Early by Exam	Completed Requirements	Upper Third	Middle Third	Lower Third	Vocational Club Member	Unknown	Military Service	Full Time Related Study	Full Time Non-Related Study	Personal Choice	Other Reason	Field Trained	Related Field	Other Field	Unemployed/Part Time Work	Highly Satisfied	Satisfied	Not Satisfied	Excellent	Good	Fair	Poor	No Value	Employability	Earnings	Self Employed	Relative	Government	Other	Sex	Birth Date	American Indian	Negro	Oriental	Spanish American	Other	Professional Preparation	Voc. Work Experience	Voc. Ed. Experience	Teacher	Administrator	Supervisor	Coordinator	Counselor	Placement Officer
S	S	S			S	S	S	S	S	S		S		S	S	S	S	S	S		S			S	S		S					S		S	S	S	S	S	S	S	S															P	P	P	P		P		P		P	P					
S	S				S	S	S	S						S	S	S	S	S	S	S	S	S	S	S	S		S															S	S	S	S	S	S	S	S							P	P						P			P	P	P	P	P	P
S	S	S			S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S					S	S	S		S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S					P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		S					S	S	S	S	S	S	S	S	S					S	S	S	S	S	S	S	S	S	S	S	P		P	P	P	P	P	P		P	P	P	P	P	P	P
S	S	S	S	S	S	S	S	S				S		S	S	S	S	S	S	S	S	S	S	S	S	S	S					S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S					P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
S	S	S							S	S			S	S	S	S	S	S	S	S	S	S	S	S	S							S	S	S	S	S	S	S	S	S	S				S	S	S	S	S		S																				
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S	S	S		S	S	S	S	S			S	S	S	S	S	S		S	S	S	S	S	S	S	S							S	S	S	S	S	S	S	S	S	S			S	S	S	S	S	S		S																				
																																																								P	P						P	P		P	P	P	P	P	
S	S	S							S	S	S	S		S	S	S	S	S	S	S	S	S																																		P	P	P	P	P	P	P	P								
S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		S	S	S	S	S	S	S	S		S					S	S	S	S		S	S	S	S	S															P		P	P	P	P	P	P	P		P	P	P	P	P	P
S	S	S	S	S	S	S	S	S	S	S	S	S			S	S	S	S	S	S	S	S	S									S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		S					P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

format and coding structure. Although States collect many items of data in common, the assumptions and definitions under which these items are collected and the coding structures used to represent them are often quite different. It was necessary, therefore, to establish a logical relationship between the data item definitions used by each individual State and a standard set of definitions. This logic then served as the formula for converting data on each student to the proper standardized coding within the standard data item.

This process resulted in a machine readable data file containing one or more records representing every Vocational Education student accounted for in a State or local agency's original data file. Unlike the original file, however, the resulting file contained only anonymous records, i.e., data records which could not be identified with individual students. In this way, the privacy of information used was completely protected. These files from the individual States and school districts were then transmitted to Project Baseline for further processing.

The next step was validation and unduplication of the student records received. Validation insured that the conversion procedures used by the States resulted in data item coding compatible with standard coding specifications. Unduplication involved the machine examination of each record to determine which areas and how many represented each single student.

In the final step of the procedure the validated and unduplicated data files were processed to produce a variety of reports. Each report was designed to provide tabulations and analyses of the data which could be made nationally if complete data of this kind were available. As the reports were produced, they revealed problems inherent in the use of such data which would have to be solved before full National implementation is possible. These problems are discussed on the following pages. Solutions to be explored in each case are suggested by the description of the problem based on the field test experience.

Scope of Non-Aggregate Data Received

Eighteen State Vocational Education agencies were capable of supplying non-aggregate student data from automated information systems for the 1972-73 school year. All of these systems together processed data for approximately 2,800,000 students or twenty-five percent of the National enrollment in Vocational Education. Of this total, Project Baseline received records from fifteen State agencies and three local agencies in other States, representing approximately 1,951,800 students, or eighteen percent of the National enrollment. None of the agencies were able to supply records for all Vocational Education students enrolled. Table 123 shows the scope of total Vocational Education enrollment in each State represented by the data records supplied to Project Baseline.

Initially States tend to concentrate their systems development at the secondary level. This is reflected in the high percentage at this level compared to post-secondary and adult. Administrative and procedural factors further limit the amount of data available from some States. At the secondary level administrative decisions in Arizona and Arkansas do not allow the processing of data on students enrolled in consumer and homemaking classes. In Virginia an organization separate from Vocational Education administers "special programs", so data on vocational students enrolled in these programs are not processed by the Vocational Education information system. At the post-secondary and adult levels in Florida, Community Colleges are administered by a separate agency and these institutions are not obligated to provide data to the system.

Table 123

SCOPE OF NON-AGGREGATE ENROLLMENT DATA

State/LEA	Percent of Reported 1972-73 Enrollment Received* Secondary	Post-secondary	Adult
Arizona	60	90	98
Arkansas	47	99	0
Colorado	99	14	0
Delaware	100	0	0
Florida	98	98	50
Hawaii	100	0	0
Kansas	28	56	22
Maryland	100	87	0
Missouri	98	90	0
New Mexico	94	0	0.04
Oklahoma	100	97	54
Oregon	43	0	0
Texas	100	0	0
Virginia	59	0	0
West Virginia	100	52	0.005
Los Angeles, CA	50	NA	NA
Clark Co., NV	0	NA	100
Seattle, WA	100	NA	NA

Florida's data is adversely affected at all levels by a procedural problem also. Florida utilizes an input control procedure that is based on class aggregate rather than individual student data. In this procedure the data returned to the teacher for validation and approval represent totals for the class rather than data for each student in the class. If the totals returned are high the teacher reduces the total rather than remove data representing a specific student. In Arizona a manually operated backup collection system is used which collects additional data not entered in the computer. These are students who for one reason or another fail to fill out and submit the basic data input document.

In Maryland a technical problem which can be corrected resulted in the deletion of all adult data files for 1972-73. Clark County's secondary file was also not available, but in this case for a different reason. Tape files are not kept beyond the current year, and the secondary files had already been deleted before Project Baseline asked for them. In Oregon, the business failure of a private data processing contractor resulted in loss of all first semester secondary data. In Los Angeles technical and time constraints prevented a private firm from converting the district's total data file to Baseline's format. The low proportion of post-secondary and adult data from Oklahoma is the result of incomplete returns of data at the time the file was produced for Baseline. These data are collected on a year-round basis and the Baseline request did not correspond to the established collection cycle.

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*Percentage figures shown are approximations. Reported 1972-73 enrollment for each State, upon which these figures are based, was taken from the USOE Form 3138 and hence inflated with below grade 9 figures.

Data received which are commonly called followup, i.e., a student's employment status and the type of work performed following completion of school, were extremely limited. Of the eighteen agencies, only six were able to include followup data in a compatible form. These data represent only fourteen percent of the students for whom enrollment data were received from the same six agencies. This situation results in part from only partial implementation of automated followup systems in the States, and also from the diverse methods used to collect followup data. Collection methods range from collection by individual service areas from a separate sample of selected students established by each area in Virginia, to collection by a single agency of data on all students from teachers in Colorado. The effect of such varying methods is complicated further by different returns for the different methods. In Virginia, each service area requires a different percentage of return upon which to base its projection; Maryland, Missouri, and Oregon require forty percent, thirty-five percent and twenty percent respectively. Colorado and Oklahoma, since they collect from teachers, expect and get a 100 percent return. The following table demonstrates the limited scope of uniform followup data available.

Table 124

SCOPE OF NON-AGGREGATE FOLLOWUP DATA

State	Number Of Students For Whom Followup Data Were Received	Percent of Student Enrollments Received for Whom Followup Data Were Also Received
Colorado	46,818	100
Hawaii	3,202	16
Maryland	7,205	7
Missouri	4,532	5
Oregon	2,327	8
Virginia	1,949	1

Problem of Uniformity in Non-Aggregate Data

It was not to be expected that the data tape records received from these diverse systems would be entirely uniform in terms of the number of data elements contained in each, or in terms of the coding categories within each element. The major reason for inconsistency in the former was due to variations in USOE reporting requirements rather than, as might be expected, to variations in individual system requirements or operations. Table 125 shows which of the common data elements requested from each State and each LEA system were received.

Table 125 - Data Item Availability

	Enrollment Data Items									Followup Data Items		
	School Attended	I.D.	Zip Code	Age	Race	Sex	D/H	USOE Code	End Class Status	Occ. Area	Emp. Status	Work Performed
Arizona	0	X	X	X	X	X	X	X	X	X	X	X
Arkansas	X	X	0	X	X	X	X	X	X	X	X	X
Colorado	X	X	X	X	X	X	X	X	X	No Data Received		
Delaware	X	X	0	X	X	X	C	X	X	X	X	X
Florida	X	X	0	X	X	X	X	X	X	X	X	X
Hawaii	X	X	X	X	0	X	X	X	X	X	X	X
Kansas	X	X	0	X	X	X	X	X	X	X	X	X
Maryland	X	X	X	X	X	X	X	X	X	X	X	X
Missouri	X	X	X	X	X	X	X	X	X	X	X	X
New Mexico	X	X	0	X	X	X	X	X	0	No Data Received		
Oklahoma	X	X	0	X	X	X	X	X	X	X	X	X
Oregon	X	X	X	X	X	X	X	X	X	X	X	X
Texas	X	X	0	X	X	X	X	X	0	0	0	0
Virginia	X	X	0	X	X	X	X	X	X	X	X	X
W. Virginia	X	X	X	X	X	X	X	X	X	X	X	X
Los Angeles	X	X	X	X	X	X	0	X	X	No Data Received		
Clark County	0	X	X	X	X	0	X	X	X	No Data Received		
Seattle	X	X	X	X	X	X	X	X	X	No Data Received		

X - Data items received
0 - Data items not received

Only "student ZIP code" was not available from a significant number of the States and LEAs. Apparently this is simply because the files were not intended to be used for addressing mail. The "school attended code" was available from both Arizona and Clark County, Nevada, but was not received for procedural reasons. Arizona State Department of Education policy prevents disclosure of data by school name. In Clark County all adults are shown attending a single school for administration purposes.

Hawaii does not collect data on a student's race because this type of information is no longer requested by USOE. For the same reason Clark County no longer collects data on sex. Disadvantaged or handicapped status data are not collected on an individual student basis by Delaware and Los Angeles because such information is used only for Federal reporting, and school aggregate totals are used. The student end of class status is collected in Texas, but through the followup process instead of at the time a class ends. Because different record identification numbers are used for enrollment and followup data, the Texas system was unable to combine data items from the separate records for the same student.

All States that collect followup data, except Texas, could provide the three data items requested. Although all requested items were available in the Texas system they could not be combined with a student's enrollment data because of the unrelated record identification codes described above.

While the eighteen States were able to provide most of the data items requested, a good deal of inconsistency is evident in the coding within data items. This inconsistency is caused by different definitions of common terms and the resulting categories for each. Table 126 shows the extent of consistency and inconsistency within the five data elements for which specific coding categories were requested.

Many of the States use different classifications of ethnic identity, depending on their own population patterns. Thus Florida categorizes white and Spanish-surnamed students as other. Texas and Virginia group white and other together. Both Missouri and Oklahoma, because there are so few Orientals in their population, include these students with other.

Uniformity of data on the disadvantaged and handicapped status of students was marred primarily by administrative factors. Seattle identifies students only as special education students because it has no administrative need to differentiate between the disadvantaged and handicapped. In Florida, Virginia and West Virginia State support for disadvantaged students is different from that for handicapped students. In these States, therefore, a category combining both is not possible.

Of all the data elements requiring standard coding, the student's status at the end of a vocational class was the least uniform among the States. Of the eighteen State and local agencies providing data, Delaware, Los Angeles, Maryland, Hawaii and New Mexico do not collect any data representing end of class status. Texas collects these data but does so through its followup system. Since students are assigned a different identifying number for followup than that used in the enrollment system,

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Table 126 - Data Item Coding Variations

	Race						D/H Status			End Of Class Status						Employ. Status				Type of Work Performed		
	White	Black	Am. Indian	Span. Surname	Oriental	Other	Disadv.	Handcp.	Disadv. & Hand.	Comp. & Grad.	Comp. & Remain.	Dropout w/skill	Dropout w/o	Dropout Milit.	Sts. Unknown	Avail. for work	Emp full time	Emp part time	Not avail. work	Emp. in field trained	Emp. in related field	Emp. in other field
Arizona	X	X	X	X	X	X	X	X	X	X	X	0	0	0	X	X	X	X	X	X	X	X
Arkansas	X	X	X	0	0	X	X	X	X	X	0	0	X	0	X	X	X	X	X	X	X	X
Colorado	X	X	X	X	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	0	0	0
Delaware	X	X	X	X	X	X	0	0	0	X	0	0	0	0	0	No Data Received						
Florida	0	X	X	0	X	X	X	X	0	X	0	X	0	0	X	X	X	X	X	X	0	X
Hawaii	0	0	0	0	0	0	X	X	X	X	X	0	0	0	0	X	X	X	X	X	0	X
Kansas	X	X	X	X	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	X	X	X
Maryland	X	X	X	X	X	X	X	X	X	X	0	0	0	0	X	X	X	X	X	X	X	X
Missouri	X	X	X	X	0	X	X	X	X	X	X	X	X	0	X	X	X	X	X	X	X	X
New Mexico	X	X	X	X	X	X	X	X	X	0	0	0	0	0	0	No Data Received						
Oklahoma	X	X	X	X	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Oregon	X	X	X	X	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	X	X	X
Texas	X	X	X	X	X	0	X	X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia	X	X	X	X	X	0	X	X	0	X	X	X	X	X	X	X	X	X	X	X	X	X
West Virginia	X	X	X	X	X	X	X	X	0	X	X	X	X	0	X	0	X	0		X	X	X
Los Angeles	X	X	X	X	X	X	0	0	0	X	0	0	0	0	X	No Data Received						
Las Vegas	X	X	X	X	X	X	X	X	X	X	0	X	X	0	X	No Data Received						
Seattle	X	X	X	X	X	X	0	X	0	X	X	0	0	0	0	No Data Received						

X - Data items received.
0 - Data items not received.

these data cannot be accessed.

In Los Angeles, Delaware and Maryland the category of completed and graduated, while not collected, is derived from other data fields. Systems in the other fourteen States and LEAs vary considerably in the type of data each collects. All utilize a category for completed and graduated. Arkansas, Florida, and Las Vegas do not categorize students as completing the class and remaining in school. All but two of the eighteen States and LEAs provide categories for dropouts with a saleable skill or without a skill. Arizona and Seattle collect neither of these categories. Florida does not account for students who drop out without a skill. Only Oklahoma among the States from which data were received accounts for students joining the military.

Variable definitions of what is meant by student completion appear to be the major cause of the wide variation in what is collected. States have been concerned primarily with satisfying their own information needs rather than those of USOE since the latter have not been well defined.

Data collected to determine a student's status following school, i.e., employment status and type of work performed, were quite uniform; only New Mexico and Delaware were unable to provide these data. School district systems could not provide them because collection of such data is primarily a State function. Every State categorizes students by employment status. West Virginia, however, does not categorize part time employment and available for work but not employed. Again Texas collected these data but could not access them. Colorado collects data on the type of work performed by students but these data were not yet available when requested by Project Baseline. Delaware does not differentiate between students employed in the field for which trained and those employed in related fields. Hawaii categorizes students as employed in a related field or not employed.

Problem of Reliability in Non-Aggregate Data

The reliability of student data received from States and school districts is influenced by the quality of data originally received from the student, and by the procedure necessary to produce a standardized record. While the former factor is a more pervasive source of error the latter is far more significant in its impact. Table 127 depicts the impact of both factors in terms of the number of records having incorrect data in their data fields.

Errors in the ZIP code, race, sex, disadvantaged and handicapped status, and employment status data fields were the result of student failure to provide information. This factor contributed to the errors shown for all data elements but its effect cannot be isolated in most of them. Judging from the ones in which it can be isolated, the effect appears to be negligible except during system implementation. In one State, in which implementation was under way, failure to provide data resulted in five percent incorrect data or a single data field.

The errors shown for grade level and some of those in end of class status were the result of procedural failures in the conversion process.

In the grade level data field, errors resulted in failure to follow specified coding procedures when writing State data in the common format. In the end of class status field, failure to follow specified conversion procedures resulted in errors.

Table 127

PROPORTION OF RECORDS WITH INCORRECT DATA
BY DATA FIELD

Data Field	Incorrect Data Number	Percent
Record I.D. Number	1,082,505	46.00
ZIP Code	6,018	0.25
Race	53	0.002
Sex	293	0.01
Grade Level	187,367	8.00
D/H Status	996	0.00
USOE Class Code	196,538	8.00
End of Class Status	163,230	7.00
Occ. Cluster Completed	4,654	3.00
Employment Status	567	0.32
Work Performed	28,274	16.00

Another major source of errors in the conversion process was the diversity of coding systems used by different States and school districts. The eight percent error in USOE code is a good example of this problem. Most of the States use class codes in addition to those standardized by the U.S. Office of Education and specified by Project Baseline as the standard for the common format. These additional codes are necessary to satisfy the unique information requirements of the individual States and have no equivalent code in the USOE taxonomy. On the average, seven percent of the records received from States contained unstandardized class codes, with a high of fifteen percent received from local agency or State.

Among school districts this problem is particularly severe. Two of the three school districts supplying data use class codes unique to each district. The complexity of converting to USOE codes is manifest in the fifty-one percent inaccurate data in this field received from one district and the conversion cost of $33.00 per thousand records incurred by another district.

Inaccurate data in the end of class status field are probably the most obvious manifestations of the diverse coding systems problem. A State's definition of a Vocational Education program dictates how a student's status relative to completion of the program can be classified. Error results when the definition of program, upon which coding categories in the common record format are based, differs from a State's definition. For example, the common record format provided a code for the student who completed the vocational program and graduated and a code for the student who completed the program and remained in school. These codes are based upon program defined as: instructional activity which ended at the time of data collection. Some of the States, however, define program as: instructional activity a part or all of which ended at the time of data collection. These States had students who completed a part of a program and remained in school. They found no code to classify such students in the common format, so they were forced either to code such a student in the catch-all status unknown category provided in the format or to zero-fill the data element. The errors shown for end of class status represent the latter option. Records from States which chose the former do not appear as errors since the catch-all code was mechanically, if not logically, acceptable. Unfortunately such errors are the worse since they are hidden.

A secondary problem within the general area of diverse coding systems arises when data from school districts are considered. School district information systems operate in a short term frame of reference. They are designed to facilitate such functions as class scheduling and grade reporting. These systems do not, therefore, collect any Vocational Education program completion information and can only infer completion and graduation. They have no information on a student's acquisition of a marketable skill.

Those inaccuracies shown for the work performed data field resulted from short sightedness in designing the common record format. The common format did not provide a code for the student who continued in school following completion and graduation rather than choosing to work. Since State followup systems generate records on students whether they attend school or work, the records of continuing students were left blank for lack of proper code. This data field consequently appeared incorrect.

The greatest single source of problems in the conversion process resulted from substituting a dummy record I.D. number for each student's actual identification number. This was considered necessary for the obvious reasons relating to privacy and to allow for the unduplication of enrollment counts. Substitution required that all the records representing a single student be assigned the same dummy number. Thus a student enrolled in a separate Vocational Education course each semester and followed up at the end of the year could have as many as three records. A number of States failed to follow the specified procedure resulting in the forty-six percent inaccurate data in this field. The major reason for this failure was the inability of many States to acquire the Social Security number of each student, which could be used to identify all of a student's records in the State file. These States were forced to assign a dummy number for students in their own files and hence cannot be expected to assure reliability of I.D. numbers through the conversion process.

Costs

Preparation of the printouts incurred costs which can be categorized within three general activities. The first category was those activities necessary to collect data from students. The second was those necessary to convert data to the common record format. The third category was those activities to actually produce the printouts.

The cost of data collection by the individual States was not examined during the experiment. Specific cost factors, their definitions, and the dollar amount for each would vary considerably from State to State, depending on the specific purposes of each State system. A separate study would, in all probability, be necessary in order to define these costs.

Conversion by the States and school districts of their data to the standard coding and record format cost $11,784. This expenditure produced 2,736,617 enrollment and followup records at a cost per 1000 records of $4.30. This figure is higher than it might have been otherwise due to the inclusion of school district costs. At least half of the cost of conversion incurred by each State or district system was for programming. This factor was constant whether a system was converting one hundred or one hundred thousand records.

Since the school districts converted fewer records than did States, their cost per record was higher, $22.72 per 1000. The State systems experienced significantly lower costs for conversion. The fifteen State systems required an average of $3.72 to convert 1000 records. This ranged from a low of $0.67 to a high of $63.00*.

The cost of report production using State data files cannot be accurately reported. Efforts to insure maximum utilization of the records received required multiple validating, unduplicating and production runs. This in turn resulted in completely distorted cost figures for report production.

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*This cost was incurred through a private firm. The highest cost experienced by a State computer facility was $11.00/records.

Table 128 1972 - 1973 VOCATIONAL EDUCATION ENROLLMENT STATE- ALL THAT REPORTED 07-31-74

% OF NATIONAL VOC ED ENRL	TOTAL		SECONDARY		POST-SECONDARY		ADULT		UNIDENTIFIED	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
SEX										
MALE	738,059	41.7	463,441	65.5	125,948	17.1	58,635	7.9	70,035	9.5
FEMALE	1,026,625	58.1	716,277	69.8	105,335	10.3	70,359	6.9	134,654	13.1
UNDF	3,743	.2	1,283	34.3	601	16.1	1,794	47.9	65	1.7
RACE										
WHITE	984,261	55.7	605,224	61.5	155,305	15.8	96,475	9.8	127,257	12.9
BLACK	307,740	17.4	213,962	69.5	23,044	7.5	18,939	6.2	51,795	16.8
SPAN SURNAME	117,469	6.6	90,492	77.0	5,752	4.9	8,591	7.3	12,624	10.7
AM IND	22,135	1.3	12,022	54.3	7,261	32.8	1,380	6.2	1,472	6.7
ORIENTAL	30,668	1.7	23,306	76.0	5,049	16.5	1,381	4.5	932	3.0
OTHER	273,979	15.5	227,385	83.0	33,726	12.3	2,902	1.1	9,966	3.6
UNDF	32,175	1.8	28,610	88.9	1,737	5.4	1,120	3.5	708	2.2
DIS DV/HANDCP STATUS										
DISADV	168,042	9.5	108,943	64.8	9,235	5.5	11,445	6.8	38,419	22.9
HANDCP	28,968	1.6	17,383	60.0	2,046	7.1	2,382	8.2	7,157	24.7
DISADV & HANDCP	46,429	2.6	17,701	38.1	24,176	52.1	2,207	4.8	2,345	5.1
REGULAR	1,508,641	85.3	1,040,883	69.0	196,427	13.0	114,754	7.6	156,577	10.4
UNDF	16,347	.9	16,091	98.4					256	1.6
GRADE LEVEL										
GRADE K-8	194,858	11.0							194,858	100.0
GRADE 9	257,246	14.5	257,245	100.0						
GRADE 10	237,979	13.5	237,979	100.0						
GRADE 11	330,329	18.7	330,329	100.0						
GRADE 12	375,430	21.2	375,430	100.0						
GRADE 13	158,550	9.0			158,550	100.0				
GRADE 14	73,334	4.1			73,334	100.0				
UNGRADED ADULT	130,788	7.4					130,788	100.0		
UNDF	9,913	.6	17	.2					9,895	99.6
CCC CLUSTER										
AGRICULTURE	133,408	7.5	121,621	91.2	3,211	2.4	1,705	1.3	6,871	5.2
MARKETING	86,647	4.9	68,631	79.3	6,852	7.9	4,979	5.7	6,135	7.1
HEALTH	72,626	4.1	22,878	31.5	39,264	54.1	8,045	11.1	2,439	3.4
FOOD SERVICE	68,484	3.9	58,132	84.9	2,898	4.2	3,715	5.4	3,739	5.5
CLERICAL-ACCOUNTING	126,596	7.3	83,782	65.2	32,114	25.0	11,482	8.9	1,110	.9
SECRETARIAL	192,428	10.9	132,349	68.8	26,920	14.0	21,182	11.0	11,977	6.2
INDUSTRIAL MECHS	136,767	7.7	98,691	72.2	17,474	12.8	12,871	9.4	7,731	5.7
CONSTRUCTION	39,664	2.2	20,466	51.6	8,969	22.6	9,284	23.4	945	2.4
ELECTRIC-ELECTRONIC	44,787	2.5	25,044	55.9	10,219	22.8	8,680	19.4	844	1.9
METALS	22,694	1.3	15,816	69.7	1,828	8.1	4,346	19.2	704	3.1
CHILD CARE	35,006	2.0	31,605	90.3	2,222	6.3	775	2.2	404	1.2
CLOTHING	56,199	3.2	39,879	71.0	2,554	4.5	10,632	18.9	3,134	5.6
DRAFTING	11,163	.6	8,126	72.8	2,024	18.1	951	8.5	62	.6
GRAPHICS	15,777	.9	8,382	53.1	4,231	26.8	2,940	18.6	224	1.4
SERVICE	66,170	3.7	23,272	35.2	34,915	52.8	7,690	11.6	293	.4
FOREST PRODUCTS	6,017	.3	4,543	75.5	1,390	23.1	55	.9	29	.5
HOME ECONOMICS	505,627	28.6	370,564	73.3	2,197	.4	6,415	1.3	126,446	25.0
UNCLASSIFIED	36,103	2.0	19,580	54.2	7,672	21.3	4,575	12.7	4,276	11.8
UNDF	110,352	6.2	47,585	43.1	24,910	22.6	10,466	9.5	27,391	24.8
END OF CLASS STATUS										
WITH SKILL	801,443	45.3	461,508	57.6	170,614	21.3	92,703	11.6	76,618	9.6
WITHOUT SKILL	565,134	32.0	364,044	64.4	61,208	10.8	37,650	6.7	102,172	18.1
UNDF	401,850	22.7	375,449	93.4	2		435	.1	25,964	6.5
TOTAL STATE ENROLLMENT	1,768,427	100.0	1,201,001	67.9	231,884	13.1	130,788	7.4	204,754	11.6

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Table 129 PROPORTION OF STATE ENROLLMENT EMPLOYED (STATE- SELECTED STATES 1 OF 2 7-31-74

	STUDENTS COMPLETING AND GRADUATING				% OF COMPLETIONS EMPLOYED IN TRAINED OR RELATED FIELD				% OF COMPLETIONS EMPLOYED IN FIELD OTHER THAN TRAINED/RELTD			
	MALE	FEMALE	UNDF	TOTAL	MALE	FEMALE	UNDF	TOTAL	MALE	FEMALE	UNDF	TOTAL
AGRICULTURE												
BLACK	294	13	1	308	50.0	7.7		46.1	9.5	7.7	100.0	9.7
SPAN SURNAME	4			4	100.0			100.0				
OTHERS	3,269	187	13	3,469	47.4	24.1	84.6	46.3	12.9	7.0	7.7	12.5
TOTAL	3,567	200	14	3,781	47.7	23.0	78.6	46.5	12.6	7.0	14.3	12.3
MARKETING												
BLACK	134	113		247	42.5	50.4		46.2	10.4	8.8		9.7
SPAN SURNAME	12	16		28	66.7	56.3		60.7	8.3			3.6
OTHERS	1,698	1,605	4	3,307	45.1	45.4	50.0	45.3	8.7	4.2		6.5
TOTAL	1,844	1,734	4	3,582	45.1	45.8	50.0	45.4	8.8	4.5		6.7
HEALTH												
BLACK	24	377	4	405	33.3	45.4	100.0	45.2	8.3	5.3		5.4
SPAN SURNAME	3	19		22	100.0	57.9		63.6		10.5		9.1
OTHERS	226	3,095	35	3,356	52.2	57.4	100.0	57.4	6.2	3.1		3.3
TOTAL	253	3,491	39	3,783	51.0	55.1	100.0	56.2	6.3	3.4		3.6
FOOD SERVICE												
BLACK	81	111	1	193	48.1	44.1		45.6	9.9	7.2	100.0	8.8
SPAN SURNAME	1	6		7	100.0	66.7		71.4				
OTHERS	842	1,082	7	1,931	26.0	29.2	28.6	27.8	10.3	5.2	14.3	7.5
TOTAL	924	1,199	8	2,131	28.0	30.8	25.0	29.6	10.3	5.3	25.0	7.6
CLERICAL-ACCTING												
BLACK	79	247		326	31.6	42.5		39.9	13.9	9.3		10.4
SPAN SURNAME	9	17		26	66.7	58.8		61.5		5.9		3.8
OTHERS	1,220	4,250	34	5,504	26.9	40.5	73.6	37.6	12.3	6.1	5.9	7.4
TOTAL	1,308	4,514	34	5,856	27.4	40.7	70.6	37.9	12.3	6.2	5.9	7.6
SECRETARIAL												
BLACK	17	416		433	35.3	60.3		59.4	17.6	5.0		5.5
SPAN SURNAME	1	37		38		76.4		76.3	100.0	8.1		10.5
OTHERS	258	6,442	22	6,722	25.2	50.2	59.1	49.3	12.4	5.1	9.1	5.4
TOTAL	276	6,895	22	7,193	25.7	50.9	59.1	50.0	13.0	5.1	9.1	5.4
IND MECHANICS												
BLACK	736	14		750	49.7	85.7		50.4	10.5	7.1		10.4
SPAN SURNAME	44	2		46	72.7	100.0		73.9	2.3			2.2
OTHERS	7,413	246	61	7,720	58.2	73.2	36.1	58.5	9.9	1.6	13.1	9.7
TOTAL	8,193	262	61	8,516	57.5	74.0	36.1	57.9	9.9	1.9	13.1	9.7
CONSTRUCTION												
BLACK	150	10	1	161	50.7			47.2	19.3		100.0	18.6
SPAN SURNAME	10			10	80.0			80.0	10.0			10.0
OTHERS	1,317	56	11	1,384	59.0	46.4	54.5	58.5	13.1	12.5	27.3	13.2
TOTAL	1,477	66	12	1,555	58.3	39.4	50.0	57.4	13.7	10.6	33.3	13.7
ELECTRIC-ELECTRONIC												
BLACK	110	26		136	36.4	96.2		47.8	12.7			10.3
SPAN SURNAME	8	2		10	62.5	100.0		70.0	12.5			10.0
OTHERS	1,768	155	13	1,936	53.0	95.5	76.9	56.6	8.7		7.7	8.0
TOTAL	1,886	183	13	2,082	52.1	95.6	76.9	56.1	9.0		7.7	8.2
METALS												
BLACK	155	19		174	65.8	100.0		69.5	5.8			5.2
SPAN SURNAME	18	2		20	72.2	100.0		75.0	5.6			5.0
OTHERS	2,046	67	45	2,158	67.0	94.0	55.6	67.6	9.4	1.5	8.9	9.2
TOTAL	2,219	88	45	2,352	67.0	95.5	55.6	67.8	9.1	1.1	8.9	8.8

Table 129 - Continued PROPORTION OF STATE ENROLLMENT EMPLOYED STATE- SELECTED STATES

	STUDENTS COMPLETING AND GRADUATING MALE	FEMALE	UNDF	TOTAL	% OF COMPLETIONS EMPLOYED IN TRAINED OR RELATED FIELD MALE	FEMALE	UNDF	TOTAL	% OF COMPLETIONS EMPLOYED IN FIELD OTHER THAN TRAINED/RELTD MALE	FEMALE	UNDF	TOTAL
CHILD CARE												
BLACK	1	22		23		40.9		39.1		13.6		13.0
SPAN SURNAME	1	5		6		20.0		16.7		20.0		16.7
OTHERS	22	316		338	4.5	11.4		10.9	9.1	3.8		4.1
TOTAL	24	343		367	4.2	13.4		12.8	8.3	4.7		4.9
CLOTHING												
BLACK	17	118		135	58.8	41.5		43.7	17.6	4.2		5.9
SPAN SURNAME		13		13		7.7		7.7				
OTHERS	70	826	4	900	0.0	28.6	25.0	26.1	2.9	5.3		5.1
TOTAL	87	957	4	1,048	27.6	26.2	25.0	28.1	5.7	5.1		5.2
DRAFTING												
BLACK	50	3		53	38.0			35.8	10.0			9.4
SPAN SURNAME	4			4	75.0			75.0				
OTHERS	651	58	10	719	52.1	58.6	30.0	52.3	11.7	8.6	10.0	11.4
TOTAL	705	61	10	776	51.2	55.7	30.0	51.3	11.5	8.2	10.0	11.2
GRAPHICS												
BLACK	30	20	1	51	40.0	25.0	100.0	35.3	13.3	15.0		13.7
SPAN SURNAME	3			3								
OTHERS	347	114	10	471	53.6	54.4	40.0	53.5	13.5	14.0		13.4
TOTAL	380	134	11	525	52.1	50.0	45.5	51.4	13.4	14.2		13.3
SERVICE												
BLACK	31	52		83	48.4	30.8		37.3	12.9	9.6		10.8
SPAN SURNAME	7	8		15	85.7	75.0		80.0		12.5		6.7
OTHERS	439	627	5	1,071	58.8	60.9	60.0	60.0	5.7	8.9		7.6
TOTAL	477	687	5	1,169	58.5	58.8	60.0	58.7	6.1	9.0		7.8
FOREST PRODUCTS												
BLACK	16	1		17	62.5			58.8	6.3			5.9
SPAN SURNAME	1			1	100.0			100.0				
OTHERS	189	2		191	50.3			49.7	9.0			8.9
TOTAL	206	3		209	51.5			50.7	8.7			8.6
HOME ECONOMICS												
BLACK	99	244		343	4.0	19.3		14.9	4.0	4.5		4.4
SPAN SURNAME	6	17		23	16.7	5.9		8.7		5.9		4.3
OTHERS	1,199	3,693	8	4,900	8.6	12.8	25.0	11.8	2.5	2.7		2.6
TOTAL	1,304	3,954	8	5,266	8.4	13.2	25.0	12.0	2.6	2.8		2.8
UNCLASSIFIED												
BLACK	88	20		108	54.5	55.0		54.6	11.4	10.0		11.1
SPAN SURNAME	13	2		15	76.9	100.0		80.0				
OTHERS	860	152	33	1,045	59.4	69.7	15.2	59.5	9.2	9.9	12.1	9.4
TOTAL	961	174	33	1,168	59.2	68.4	15.2	59.3	9.3	9.8	12.1	9.4
UNDEFINED												
BLACK	9	1		10	55.6			50.0				
SPAN SURNAME												
OTHERS	214	84	2	300	49.1	21.4	100.0	41.7	8.4	7.1		8.0
TOTAL	223	85	2	310	49.3	21.2	100.0	41.9	8.1	7.1		7.7
TOTAL												
BLACK	2,121	1,827	8	3,956	46.6	45.3	62.5	46.0	10.7	6.2	37.5	8.6
SPAN SURNAME	145	146		291	69.7	54.8		62.2	4.1	6.2		5.2
OTHERS	24,048	23,057	317	47,422	50.2	41.5	53.6	46.0	10.0	4.7	8.5	7.4
TOTAL	25,314	25,030	325	51,669	50.0	41.6	53.8	46.1	10.0	4.8	9.2	7.5

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Table 130

ENROLLMENT & EMPLOYMENT STATUS OF VOCATIONAL EDUCATION
STUDENTS RESIDING IN SPECIFIC METROPOLITAN AREAS

7-31-74

--- ALL STATES THAT REPORTED ---

	ZIP CODE AREAS WITH 50% OR MORE BLACK POP		ZIP CODE AREAS WITH 50% OR MORE SPANISH SURNAME POP		ZIP CODE AREAS WITH AVG FAMILY INC BELOW $5,000		ZIP CODE AREAS WITH AVG ED OF GRD 6 OR BELOW FOR PERSONS 45-54 YRS OF AGE		ALL ZIP CODE AREAS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
ALL STUDENTS AS % OF TOTAL VOC ED ENROLLMENT	1.8	3.9			.3	.7	.2	.2	16.6	33.8
BLACK STUDENTS AS % OF TOTAL VOC ED ENROLLMENT	8.5	13.8			1.1	3.5	.2	.2	17.6	40.2
SPAN SUR STUDENTS AS % OF TOTAL VOC ED ENROLLMENT	.8	1.8			.1	.3		.4	19.5	54.6
ALL STUDENTS AS % OF TOT VOC ED ENROLL COMPLETING PGMS OR LEAVING WITH JOB ENTRY SKILLS	1.3	1.5			.2	.3	.2	.2	20.9	31.4
BLACK STUDENTS AS % OF TOT VOC ED ENROLL COMPLETING PGMS OR LEAVING WITH JOB ENTRY SKILLS	9.4	13.2			1.3	2.1	.2	.2	23.9	33.9
SPAN SUR STUDENTS AS % OF TOTAL VOC ED ENROLL COMPLETING PGMS OR LEAVING WITH JOB ENTRY SKILLS		.2				.3			23.3	32.5
ALL STUDENTS AS % OF TOT VOC ED COMPLETIONS EMPLOYED IN TRAINED OR RELATED FIELD		.2			.5	.6	.4	.7	17.0	25.4
BLACK STUDENTS AS % OF TOT VOC ED COMPLETIONS EMPLOYED IN TRAINED OR RELATED FIELD	1.2	1.2			3.0	4.7			11.2	24.3
SPAN SUR STUDENTS AS % OF TOT VOC ED COMPLETIONS EMPLOYED IN TRAINED OR RELATED FIELD									14.3	14.3
ALL STUDENTS AS % OF TOTAL VOC ED COMPLETIONS EMPLOYED IN ANY FIELD	.2	.3			.5	.7	.4	.6	13.0	27.0
BLACK STUDENTS AS % OF TOTAL VOC ED COMPLETIONS EMPLOYED IN ANY FIELD	4.1	7.0			1.9	5.3		.2	16.0	35.9
SPAN SUR STUDENTS AS % OF TOTAL VOC ED COMPLETIONS EMPLOYED IN ANY FIELD						3.4			17.2	44.0

APPENDIX A

Individual State Profiles
1972 - 1973

Three Year State Summaries
1971 - 1973

APPENDIX A

Individual State Profiles, 1972 - 1973
Three Year State Summaries, 1971 - 1973

Due to the exorbitant cost of printing Appendix A, originally planned for this volume, cannot be included.

Xerox copies of individual State profiles and three year State summaries will be available free of charge on request to:

Project Baseline
6502 N. 35th Avenue
Phoenix, Arizona 85017

Please specify State or States required.

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